Author Index

Volume 13, January-December 1993

A

Abdel-Fattah G. 1418 Abid S, 435 Adams MR, 254 Ailhaud G, 126 Ajzenberg N, 398 Akhmedzhanov NM, 1244 Albers JJ, 834, 1037 Alberti KGMM, 1046 Alexandri AL, 1770 Allenberg J, 1631 Almus FE, 105 AL-Shurbaji A, 1580 Amichot G, 112 Amouvel P, 1640 Anderson GM, 907 Andersson M, 1743 Andestad G, 857 Andries LJ, 1874 Angelberger P, 536 Angelin B, 967 ARIC Study Group, 1139 ARIC Study Investigators, 1205 Arner P, 967 Arveiler D, 886 Asai K, 892 Asano G. 1885 Assmann G, 240, 445 Atherosclerosis Risk in Communities (ARIC) Study Investigators, 1829 Athias A. 815 Atsma DE, 78 Attino V, 1700 Ausman LM, 154, 1533 Austin MA, 147, 427, 687, 1654 Avers CR, 1180 Ayrault-Jarrier M, 1299

B

Bachir D, 421 Bachmann F, 1090 Bachorik PS, 385 Baird MB, 1721 Balla G, 1779 Balla J, 1779 Bang NU, 1119 Banyai M, 536 Bara L, 886 Bard J-M, 11, 1640, 1728 Bargallo MT, 958 Barker SGE, 70 Barlage S, 1053 Barlatier A, 1125 Barnathan ES, 924 Barter PJ, 1755 Baruch D, 398 Baskerville PA, 70 Batellier J, 379 Belcher JD, 1779 Bellinger DA, 548 Beltz WF, 590 Benditt EP, 1501 Benessiano J, 640 Benetos A, 90

Bengtsson B-A, 296 Ben-Naim M, 1350 Bennett RL, 360 Berge RK, 1580 Berglund L, 1580 Bergonzelli GE, 1090 Berliner JA, 1711 Bernhardt J, 1261 Bernini F, 338 Berr S, 1180 Beswick AD, 517 Bettega D, 393 Bianciardi G, 1700 Bierman EL, 1770 Björkhem I, 1580 Blades B, 1227 Bochaton-Piallat M-L, 1449 Bochkov VN, 1261 Bodard H, 1125 Boemi M, 1456 Boerwinkle E, 1139, 1558 Boisnier C, 958 Bond MG, 482 Boneu B, 1650 Bonnet J. 407 Borén J, 1743 Born E, 729 Born GVR, 637 Boschetti C, 1412 Bots ML, 64 Bottalico LA, 264 Bouchard C, 33 Boulet L, 1790 Boutouyrie PH, 90 Bradley WA, 472 Brady SF, 1593 Brecher P. 1668 Brewer HB Jr, 1299 Brookeman JR, 1180 Brown BG, 147 Brown ML, 915 Brown SA, 1139, 1558 Brüning T, 1053 Brunzell JD, 147, 427 Buhler FR, 1261 Bulargina TV, 1244 Bult H. 1874 Bumol TF, 548 Bunting S, 738 Burns P. 800 Butler S, 1382

C

Cabezas MC, 804 Cadroy Y, 1213, 1650 Calabresi L, 521 Calaf R, 1125 Cambien F, 886 Cambou JP, 886 Camera M, 338, 944 Campan M, 120 Camps J, 78 Candresse T, 120 Caparrotta L, 696 Cardillo M, 1412

Carlson LA, 11, 1441 Carrasco W, 154, 1533 Carter CJ, 857 Caslake MJ, 170, 702 Cassinotti M, 521 Castellani LW, 932 Castle CK. 302 Castro G, 126 Catalano I, 1346 Catalano M. 1412 Catapano G, 900 Cattaneo M, 393 Cavero I, 1164 Chapman MJ, 1066 Chappell DA, 729 Charpiot P, 1125 Checovich WJ, 1662 Chen H-i, 852 Chen Q, 907, 1689 Chen YD, 1187 Chen Y-DI, 367 Chevreuil O, 1391, 1397 Chiavegato A, 347 Christophe O, 398 Ciabattoni G, 777 Cianflone K, 629 Cignarelli M, 675 Clarkson TB, 254, 548 Clemetson KJ, 1567 Coats WD Jr, 1668 Cocke T, 1359 Coetzee GA, 1076, 1460 Cofrancesco E, 1412 Cohen RA, 915 Colca JR, 302 Collen D, 738, 1837 Colli S. 338 Colvin PL Jr, 1645 Conanan LB, 1082 Conlan MG, 1205 Connelly PW, 720, 1282 Connolly TM, 1593 Connor WE, 247 Contacos C, 1755 Cornwell DG, 220 Corsini A, 338 Cortellaro M. 1412 Cosentino F, 1346 Cospite MR, 675 Cottam S, 70 Couffinhal T, 407 Cousin E, 1090 Crutchley DJ, 1082 Cullen P, 1110 Curtiss LK, 1382 Custro N, 1346 Cybulsky MI, 197

Dabach Y, 1350 Dajani AS, A148 Darrow D, 1721 Daugherty A, 1543 Davi G, 1346 Davidson JT, 1593 Davignon J, 1790 Davis CE, 1139, 1205, 1829 Davis WB, 220 de Andrés V. 876 de Bruin TWA, 804 de Bruyn AM, 64 de Graaf J. 712 de Groot PG, 1164 de Jong PTVM, 64 de Langavant GC, 1790 De Meyer GRY, 1874 De Pergola G, 675 De Villiers WJS, 1460 de Wit ECM, 1505 Defreyn G, 1171 Dejager S, 371 Dejana E, 696 Dekkers DHW, 651 Del Maschio A, 696 Demacker PNM, 712 Demer LL, 360 Denis C, 398 Dennis BH, 1205 Dennis KE, 1487 DeSanctis J, 1515 DeSanctis JB, 190 Desgranges C, 120 Després J-P, 33 Deurenberg P, 487 Devine DV, 857 Dewanjee MK, 1806 Di Bello V. 900 Di Minno G, 944 Diaz L, 310 Dieplinger H, 133 Dinges HP, 1689 Diquélou A, 1650 Donati MB, 1412 Donetti E, 571 Douste-Blazy P, 1650 Downs EC, 220 Drake TA, 1711 Droop A, 487 Drouin J. 1567 Dubreuil-Quidoz S, 1790 Dudman NPB, 512, 1253 Duplàa C, 407 Durack DT, A148 Duriez M, 112, 379, 640 Duverger N, 126 Dyer CA, 1382 Dyer RG, 1046

0

ECAT Angina Pectoris Study Group, 1865 Edelstein J, 482 Edén S, 296 Edwards K, 687 Egberg N, 1441 Ehrhart LA, 680 Elsegood CL, 231 Emmerich J, 1299 Erkelens DW, 804 Escolar G, 1852

Author Index

Volume 13, January-December 1993

A

Abdel-Fattah G. 1418 Abid S, 435 Adams MR, 254 Ailhaud G, 126 Ajzenberg N, 398 Akhmedzhanov NM, 1244 Albers JJ, 834, 1037 Alberti KGMM, 1046 Alexandri AL, 1770 Allenberg J, 1631 Almus FE, 105 AL-Shurbaji A, 1580 Amichot G, 112 Amouvel P, 1640 Anderson GM, 907 Andersson M, 1743 Andestad G, 857 Andries LJ, 1874 Angelberger P, 536 Angelin B, 967 ARIC Study Group, 1139 ARIC Study Investigators, 1205 Arner P, 967 Arveiler D, 886 Asai K, 892 Asano G. 1885 Assmann G, 240, 445 Atherosclerosis Risk in Communities (ARIC) Study Investigators, 1829 Athias A. 815 Atsma DE, 78 Attino V, 1700 Ausman LM, 154, 1533 Austin MA, 147, 427, 687, 1654 Avers CR, 1180 Ayrault-Jarrier M, 1299

B

Bachir D, 421 Bachmann F, 1090 Bachorik PS, 385 Baird MB, 1721 Balla G, 1779 Balla J, 1779 Bang NU, 1119 Banyai M, 536 Bara L, 886 Bard J-M, 11, 1640, 1728 Bargallo MT, 958 Barker SGE, 70 Barlage S, 1053 Barlatier A, 1125 Barnathan ES, 924 Barter PJ, 1755 Baruch D, 398 Baskerville PA, 70 Batellier J, 379 Belcher JD, 1779 Bellinger DA, 548 Beltz WF, 590 Benditt EP, 1501 Benessiano J, 640 Benetos A, 90

Bengtsson B-A, 296 Ben-Naim M, 1350 Bennett RL, 360 Berge RK, 1580 Berglund L, 1580 Bergonzelli GE, 1090 Berliner JA, 1711 Bernhardt J, 1261 Bernini F, 338 Berr S, 1180 Beswick AD, 517 Bettega D, 393 Bianciardi G, 1700 Bierman EL, 1770 Björkhem I, 1580 Blades B, 1227 Bochaton-Piallat M-L, 1449 Bochkov VN, 1261 Bodard H, 1125 Boemi M, 1456 Boerwinkle E, 1139, 1558 Boisnier C, 958 Bond MG, 482 Boneu B, 1650 Bonnet J. 407 Borén J, 1743 Born E, 729 Born GVR, 637 Boschetti C, 1412 Bots ML, 64 Bottalico LA, 264 Bouchard C, 33 Boulet L, 1790 Boutouyrie PH, 90 Bradley WA, 472 Brady SF, 1593 Brecher P. 1668 Brewer HB Jr, 1299 Brookeman JR, 1180 Brown BG, 147 Brown ML, 915 Brown SA, 1139, 1558 Brüning T, 1053 Brunzell JD, 147, 427 Buhler FR, 1261 Bulargina TV, 1244 Bult H. 1874 Bumol TF, 548 Bunting S, 738 Burns P. 800 Butler S, 1382

C

Cabezas MC, 804 Cadroy Y, 1213, 1650 Calabresi L, 521 Calaf R, 1125 Cambien F, 886 Cambou JP, 886 Camera M, 338, 944 Campan M, 120 Camps J, 78 Candresse T, 120 Caparrotta L, 696 Cardillo M, 1412

Carlson LA, 11, 1441 Carrasco W, 154, 1533 Carter CJ, 857 Caslake MJ, 170, 702 Cassinotti M, 521 Castellani LW, 932 Castle CK. 302 Castro G, 126 Catalano I, 1346 Catalano M. 1412 Catapano G, 900 Cattaneo M, 393 Cavero I, 1164 Chapman MJ, 1066 Chappell DA, 729 Charpiot P, 1125 Checovich WJ, 1662 Chen H-i, 852 Chen Q, 907, 1689 Chen YD, 1187 Chen Y-DI, 367 Chevreuil O, 1391, 1397 Chiavegato A, 347 Christophe O, 398 Ciabattoni G, 777 Cianflone K, 629 Cignarelli M, 675 Clarkson TB, 254, 548 Clemetson KJ, 1567 Coats WD Jr, 1668 Cocke T, 1359 Coetzee GA, 1076, 1460 Cofrancesco E, 1412 Cohen RA, 915 Colca JR, 302 Collen D, 738, 1837 Colli S. 338 Colvin PL Jr, 1645 Conanan LB, 1082 Conlan MG, 1205 Connelly PW, 720, 1282 Connolly TM, 1593 Connor WE, 247 Contacos C, 1755 Cornwell DG, 220 Corsini A, 338 Cortellaro M. 1412 Cosentino F, 1346 Cospite MR, 675 Cottam S, 70 Couffinhal T, 407 Cousin E, 1090 Crutchley DJ, 1082 Cullen P, 1110 Curtiss LK, 1382 Custro N, 1346 Cybulsky MI, 197

Dabach Y, 1350 Dajani AS, A148 Darrow D, 1721 Daugherty A, 1543 Davi G, 1346 Davidson JT, 1593 Davignon J, 1790 Davis CE, 1139, 1205, 1829 Davis WB, 220 de Andrés V. 876 de Bruin TWA, 804 de Bruyn AM, 64 de Graaf J. 712 de Groot PG, 1164 de Jong PTVM, 64 de Langavant GC, 1790 De Meyer GRY, 1874 De Pergola G, 675 De Villiers WJS, 1460 de Wit ECM, 1505 Defreyn G, 1171 Dejager S, 371 Dejana E, 696 Dekkers DHW, 651 Del Maschio A, 696 Demacker PNM, 712 Demer LL, 360 Denis C, 398 Dennis BH, 1205 Dennis KE, 1487 DeSanctis J, 1515 DeSanctis JB, 190 Desgranges C, 120 Després J-P, 33 Deurenberg P, 487 Devine DV, 857 Dewanjee MK, 1806 Di Bello V. 900 Di Minno G, 944 Diaz L, 310 Dieplinger H, 133 Dinges HP, 1689 Diquélou A, 1650 Donati MB, 1412 Donetti E, 571 Douste-Blazy P, 1650 Downs EC, 220 Drake TA, 1711 Droop A, 487 Drouin J. 1567 Dubreuil-Quidoz S, 1790 Dudman NPB, 512, 1253 Duplàa C, 407 Durack DT, A148 Duriez M, 112, 379, 640 Duverger N, 126 Dyer CA, 1382 Dyer RG, 1046

0

ECAT Angina Pectoris Study Group, 1865 Edelstein J, 482 Edén S, 296 Edwards K, 687 Egberg N, 1441 Ehrhart LA, 680 Elsegood CL, 231 Emmerich J, 1299 Erkelens DW, 804 Escolar G, 1852 Esterbauer H, 1689 Ettenson DS, 1270 Evans AE, 886 Ezekowitz MD, 907

F

Fallon JT, 738 Fazio S, 1476 Fei H. 1711 Feigelson HS, 495 Feitsma RIJ. 78 Feldman C, 310 Ferguson M, 609 Fernandez ML, 1418 Ferrari C, 571 Ferrari M, 900 Ferri G, 675 Ferrières J, 1650 Field FJ, 729 Fievet C, 529 Fishbein MC, 932 Fitzgerald LA, 1327 Fleg JL, 1495 Fogelman AM, 360 Folsom AR, 162, 783, 1205, 1829 Foulon I, 421 Fouts RL, 548 Franceschini G, 521 Francis SA, 791 Franke WW, 1631 Friggi A, 1125 Frohlich JJ, 324 Fruchart J-C, 11, 126, 529, 1640, 1728 Fry DL, 1193 Fryer RH, 1327 Fuh MM-T, 367 Fujiwara D, 729 Fukunaga K, 1525 Fumagalli R, 571 Fumelli P, 1456 Funaki C, 892 Funke H, 240

\mathbf{G}

Gabbiani F, 1449 Gabbiani G, 1449 Gabrielli L, 1412 Gadeau A-P, 120 Galacteros F, 421 Gallagher JJ, 973 Gambert P. 815 Game F, 1046 Ganci A. 1346 Gandjini H, 815 Garcia JGN, 1119 García-Garrido L, 876 Garçon D, 1125 Gaw A, 170, 702 Gellman J, 907 Genest J Jr, 1728 Genton CY, 1090 Gentric D, 112 Georgopoulos A, 385 Gerasimova CI, 1244 Gerrard JM, 1567 Getz GS, 459 Gevers Leuven JA, 316 Ghalim N, 126 Ghiselli G, 1334 Giagulli VA, 675 Giammarresi C, 1346

Gianfranceschi G, 521 Giansanti R. 1456 Gianturco SH, 472 Gibson CM, 310 Gillies P. 1180 Gimbrone MA Jr, 197 Ginsberg HN, 842 Giorgino F, 675 Giorgino R, 675 Giuriato L, 347 Giusti C, 900 Gold HK, 738, 1837 Goldberg AP, 1487, 1495 Golden MA, 924 Goldenberg H, 1005 Goldin BR, 1533 Goldman M, 1640 Gonias SL, 48 Gordon D, 609 Görög P, 637 Gotlieb AI, 1270 Gotto AM Jr, 1139 Gould RJ, 1593 Gown AM, 1501 Graadt Van Roggen JF, 1460 Granzer E, 1005 Gray RP, 415 Grayston JT, 1501 Griffin BA, 170, 702 Griggs TR, 548 Grobbee DE, 64 Gross M, 1779 Grove RI, 435 Gruber MK, 205 Grundy SM, 472, 579, 1227 Gualtieri LJ, 1533 Gubler DB, 1327 Gudnason V, 56 Guérin M. 1066 Guerrero JL, 1837 Guerrero L, 738 Guevara J Jr, 758 Guidoin R, 951 Guidolin D, 347 Gumanova NG, 1244 **Gupta RS**, 1763 Guyard-Dangremont V, 815 Gylling H, 1680

H

Haffner SM, 205, 1623 Hahn AWA, 1261 Hainer J, 1180 Halliday D, 1110 Hamsten A, 11 Hankowitz J. 1317 Hansen J-B, 98 Hanson SR, 1213 Harduin P, 529 Harker LA, 1213 Harrach B, 133, 994 Hartl KS, 435 Hartog JM, 651 Hashimoto H, 563 Hashimoto M, 1859 Hautvast JGAJ, 487 Havashi T. 892 Häyry P, 1019 Hazuda HP, 205 He X, 669 Hegele RA, 720, 1282 Heim DA, 1090 Heinrich J, 240 Heiss G, 826

Hendriks JCM, 712 Hennekens CH, 1587 Herbert JM, 1171 Herbert JS, 1460 Herderick EE, 1193 Herman AG, 1874 Hermann M. 1005 Herrmann HC, 924 Hese KM, 1164 Heuser MD, 1645 Hilden H, 286 Hirano T. 231 Hoeks AP, 90 Hoffman CJ, 800 Hofman A. 64 Hogendoorn A, 651 Hokanson JE, 147, 427 Hollander G, 1350 Holt R, 1837 Horiuchi S, 331 Hosoi T, 1859 Hough JL, 1721 Howard BV, 1037, 1623 Hozakowska E, 924 Huang Y, 445 Hübner C, 1013 Huettinger M, 1005 Huff MW, 1282 Hultin M, 1391, 1397 Hultin MB, 800 Humphries JE, 48 Humphries SE, 56 Hutchinson R, 1139, 1558 Hyman R, 1, 466

I

Iida M, 783 Ikeda Y, 1307 Inoue S, 1859 Iso H, 783 Isorez D, 1640 Izumo S, 1631

J

Jackson CL, 1218 Jackson TR, 1180 Jacob HS, 1779 Jacob WA, 1874 Jacobs DR Jr, 1037, 1779 Jacotot B. 958 Jahn L, 1631 James RW, 1456 Jan AY, 758 Jansen H, 804 Jaraki O, 791 Järveläinen HT, 1026 Jeffery RW, 162 Jeng C-Y, 367 Jenkins DJA, 720 Jenner JL, 154, 1533 Jespersen J, 505, 1865 Jing T-Y, 467 Johansson J. 1441 Johnson DK, 1193 Johnsson H, 1441 Jones PJH, 247 Juhan-Vague I, 1865 Jürgens G, 1689

K

Kaesberg B, 133 Kameyama K, 1885 Kandarpa K, 310 Kapadvanjwala M, 1806 Kaplan JR, 254 Kaptein A, 1505 Karhapää P, 41, 1469 Karnovsky MJ, 748 Karpe F, 11 Katz JP, 800 Katzel LI, 1495 Kauhanen P. 1738 Keaney JF, 791 Keller A, 264 Kendrick NC. 264 Kerkhoff C, 1317 Khouw A, 590 Kiechl S. 661 Kielty CM, 398 King-Underwood L, 56 Kinsella MG, 1026 Klassen KJ, 1822 Klatt P, 1159 Knapp R, 758 Kock LAW, 804 Kockx MM, 1874 Köhler E, 240 Kohmura C, 738, 1837 Kohrt WM, 1359 Koike K, 783 Koivisto PVI, 1680 Koivisto U-M, 1680 Kokkonen JO, 23, 276 Koller E. 536 Kolpakova GV, 1770 Komachi Y, 783 Konkle BA, 669 Kontula K. 1680 Kortlandt W, 804 Kostner GM, 1101 Kots AY, 1244 Kotze MJ, 1460 Kovacs E, 1053, 1317 Kovanen PT, 23, 41, 276, 1680 Kowala MC, 435 Krauss RM, 687, 1654 Kresse H, 994 Kreuzer J, 1631 Kriek JA, 1460 Kruithof EKO, 1090 Kübler W. 1631 Kugiyama K, 1525 Kuller LH, 162, 555 Kuo C-c, 1501 Kuzuya F, 892 Kuzuva M. 892 Kwiterovich PO Jr, 385

T

Laakso M. 41, 1469 Labat L, 407 Lackner KJ, 1317 Lacoste LL, 951 Lagrost L, 815 Laker MF, 1046 Lallemant C, 815 Lam JYT, 951 Lamarche B, 33 Lamaziere J-MD, 407 Lamers JMJ, 651 Langenhoven E, 1460 Langille BL, 977 Laskarzewski PM, 495 Lassila R, 1738 Latour J-G, 951 Latrille V, 1125 Lauer SJ, 1476

Laughton C. 1, 466 Laurent S. 90 Laws A, 1187 Lawson WE, 800 Lebel P. 1640 Leboeuf N, 1790 Lecagneux J. 112 Lecchi A, 393 Ledinski G, 1689 Leenen R, 487 Lefer AM, 771 Lehr HA, 1013 Leineweber M, 1005 Leitch CA, 247 Lemozy S, 1650 Lepäntalo M, 1738 Lesnik P, 1066 LeVeen RF, 924 Levy BI, 640 Lewis CE, 1037 Li H, 197, 1814 Li H-T, 852 Li S, 536 Li Y, 264 Li Z-C, 247 Liaw L, 985 Libby P, 197 Lichtenstein AH, 154, 1429, 1533 Lindsay GM, 170 Lindsey JA, 220 Lindstedt KA, 23, 276 Ling FS, 907 Lipton BA, 1382 Little JA, 720, 1282 Liu RJ, 669 Lombardi B, 1412 Lombardi R, 393 Lönnqvist F, 967 Lorimer AR, 170 Loscalzo J, 791 Luc G. 886 Luccioni R, 1125 Luef G, 1763 Lundberg P, 1253 Lupien PJ, 33 Lupu F, 1090 Lusis AJ, 1, 466, 932

M

Lussier-Cacan S, 1790

Lynch JF, 1253 Lyngmo V, 98

Lyu L-C, 1429

Ma X-l, 771 Macey D, 1253 Maclouf J, 421 Maderna P. 338 Maeda N, 1814 Maffi T, 1798 Maffrand JP, 1171 Maguire GF, 720, 1282 Maille M, 958 Mair S, 1689 Majors A, 680 Malkki M, 1469 Mamo JCL, 231 Mankowitz K, 1359 Mann KG, 1602, 1613 Manninen V, 1738 Mannucci PM, 393 Manuck SB, 254 Marais AD, 1460

Marckmann P, 505

Marcovina S, 1770 Marcovina SM, 1037 Marguerie G, 1164 Marmot MG, 1187 Martin JF, 70 Maruyama Y, 563 Marzetta CA, 834 Materazzi F, 900 Mathur SN, 729 Matsuda I, 1307 Matsuse T, 1859 Mayer B. 1159 Mayer EJ, 687 Mazur EM, 669 Mazzini G. 571 Mazzucco CE, 435 McKeigue PM, 1187 McNamara DJ, 1418 McNicol A, 1567 Mehrabian M. 1, 466 Mehta RL, 1798 Melchior GW, 302 Melillo E, 900 Menger MD, 1013 Mennander A. 1019 Mercier C, 1125 Merhi Y, 951 Merickel MB, 1180 Merval R, 379 Messmer K, 1013 Meyer D, 398 Meyers TJ, 834 Miano JM, 211 Michel J-B, 112, 640 Miettinen TA, 1680 Mietus-Snyder M, 371 Miller M. 385 Miller RH, 800 Millet D, 120 Milner PG, 1798 Mitcheson J, 1046 Mitsugi M, 563 Miyamoto E, 1525 Miyazaki A. 331 Moorjani S, 33 Morales PA, 205 Moreau C, 407 Moreau M, 1066 Morgan TM, 863 Morrisett J, 1139 Morrisett JD, 758, 826, 1558 Morton RE, 1843 Mosca F, 900 Mosher DF, 1662 Motta C, 958 Moulin P, 1359 Mourlon-Le Grand MC, 640 Müller G, 1317 Muñoz-Chápuli R, 876 Murakami T, 521 Muramatsu M, 1859 Murohara T, 1525 Murray E, 702 Murray EF, 170 Musanti R, 1334 Mussoni L, 338, 1412 Myant NB, 973 Mykkänen L, 1623

N

Nadeau A, 33 Naito M, 892 Nakamura R, 1307 Naruszewicz M, 1790

Navab M. 360 Nedelman MA, 1837 Newman AB, 555 Newman B, 687 Ngai C, 842 Nicholls S, 609 Nichols TC, 548 Nieuwenhuis HK, 1164 Nieuwenhuizen W. 78 Nordøy A, 98 Nordt TK, 1822 Notarbartolo A, 1346 Novotny WF, 1798 Nozaki S, 472 Nugent D, 857 Nunez G, 1806 Nutt RF, 1593

0

Oganov RG, 1770 Ohgushi M, 1525 Ohta T, 1307 Ojha M, 977 Okada SS, 924 Olivecrona T, 1391, 1397 Olofsson S-O, 1743 Oram JF, 1770 Ord VA, 1382 Ordovas JM, 154, 1429, 1533, 1728 Orimo A, 1859 Orimo H, 1859 Osborne JA, 791 Oscarsson J, 296 Østergaard P, 1391, 1397 Ostlund R, 1359 Otake A, 563 Ottlinger ME, 748 Ouchi Y, 1859 Owada T, 563 Oynes F, 1806

P

Paavonen T, 1019 Pacini CS, 1721 Packard CJ, 170, 702 Pacy P, 1110 Paidi M, 1495, 1623 Palinski W. 1382 Pandolfo L, 696 Paoletti R, 571 Parhami F, 1711 Parkinson JF, 1119 Parks JS, 863 Parolini C, 571 Parthasarathy S, 590 Pasternak RC, 310 Pataki M, 1317 Pathobiological Determinants of Atherosclerosis in Youth (PDAY) Research Group, 1291 Patrono C, 1346 Patsch W, 826, 1139, 1558 Patterson DLH, 415 Pauletto P, 347 Pauwels EKJ, 78 Pedrinelli R, 900 Peltonen S, 1738 Perkins LL, 1037 Perova NV, 1770 Phillips GB, 467 Pilcher G, 1076

Piovella F. 338 Piquet P. 1125 Pitas RE, 371 PLAT Group, 1412 Plissonnier D, 112 Poirier O, 886 Poitevin P. 640 Pometta D, 1456 Postiglione A. 944 Pouliot M-C, 33 Pozzoli E, 1412 Prati L. 338 Princen HMG, 1505 Printseva O, 407 Prosdocimi M. 696 Prud'homme D, 33 Pukac LA, 748

Q

Qamhieh HT, 162 Qiao J-H, 1, 466, 932 Qiao Y, 1885 Qiong Y, 536 Que BG, 1082

R

Raal FJ, 1076 Rader D, 1299 Radzioch D, 190, 1515 Ragoobarsingh N, 1495 Raines EW, 1218 Ramakrishnan R, 842 Rångemark C, 777 Rao LVM, 105 Rapaport SI, 105, 1551 Rauterberg J, 994, 1572 Reaven GM, 367, 1187 Reaven PD, 590, 601 Reddick RL, 1814 Redecker-Beuke B, 1572 Redgrave TG, 231 Register TC, 254 Reidy MA, 1218 Rekhter M, 609 Renier G, 190, 1515 Resink TJ, 1261 Resnick LM, 467 Riad-Fahmy D, 517 Ricard S, 886 Richard JL, 958 Ridker PM, 1587 Robenek H, 133, 994, 1572 Rodgers GM, 1327 Roederer G, 1790 Rolland PH, 1125 Ropraz P, 1449 Rosén T, 296 Rosenfeld ME, 1382 Ross R, 1218 Rubinsztein DC, 1076 Ruddle D, 1, 466 Rudel LL, 863 Rudling M, 1580 Rustaeus S, 1743

S

Saarinen O, 1738 Sacks FM, 310, 1587 Saelman EUM, 1164 Safa O, 521 Safar ME, 90 Saito T, 563 Saitoh S, 563

Sakariassen KS, 1650 Samama MM, 886 San Antonio JD, 748 Sanan DA, 1476 Sandell LJ, 1026 Sandor T, 310 Sandström B, 505 Santamarina-Fojo S, 1299 Santoro G, 900 Sartore S, 347 Sasaki T. 331 Sassen LMA, 651 Sato S, 783 Savage P, 1037 Sawvez CG, 1282 Scalbert E, 1125 Scarabin P-Y, 886 Scatena M. 347 Schaefer EJ, 154, 1429, 1533, 1728 Schaefer J, 1299 Schaffer LW, 1593 Schick PK, 84, 669 Schillig R, 748 Schmidt K, 1159 Schmitz G, 1053, 1317 Schneider DJ, 1822 Schoephoerster RT, 1806 Schonfeld G, 1359 Schönfeld R, 240 Schönherr E, 994, 1026 Schreiner PJ, 826 Schulte H, 240 Schwartz SM, 985 Schwenke DC, 1368 Scott J, 1110 Seed M, 56 Seemüller J, 1013 Seftel HC, 1076 Seidell JC, 487 Seiler SM, 435 Seip RL, 1359 Selby JV, 687 Semenkovich CF, 1359 Sfeir GT, 1721 Shahar E, 1205, 1829 Shakhov YA, 1244, 1770 Sharrett AR, 826 Shen DD-C, 367 Shepard RK, 1543 Shepherd J, 170, 702 Sheu WH-H, 367 Shieh M-J, 1429 Shieh S-M, 367 Shimakawa T, 1205 Shimamoto T, 783 Shimshick E, 1180 Siegl PKS, 1593 Sigal SL, 907

Simoes C, 1700 Simon DI, 791

Singel DJ, 791

Sinzinger H, 536 Sironi L, 338 Sirtori CR, 521 Sirtori M. 944 Sixma JJ, 1164 Skamene E, 190, 1515 Skorve J. 1580 Sluiter W. 651 Smelt AHM, 316 Snell J. 1180 Sniderman AD, 629 Sobel BE, 1822 Sola R. 958 Solomon DE, 1082 Soma MR, 571 Sorci-Thomas MG, 1645 Soutar AK, 56 Specchia G, 1412 Spetz K, 1180 Sprecher DL, 495 St Clair RW, 1368 Stalenhoef AFH, 712 Stamler JS, 791 Stampfer MJ, 1587 Stein O, 1350 Stein Y, 1350 Steinbrunner JV, 1843 Steiner G, 11 Steinmetz A, 126, 240 Stemerman MB, 211 Stern MP, 205, 1623 Stewart MW, 1046 Steyn K, 1460 Stinson VL, 162 Stocker R. 512 Stone PH, 310 Stragliotto E, 944 Sugiyama S, 1525 Sullivan DR, 1755 Sun X-M. 56 Sutton-Tyrrell K, 555 Svensson B, 98 Sweetnam PM, 517 Swords NA, 1602, 1613 Syvänne M. 286

T

Tabas I, 264
Tailleux A, 529
Talarico L, 900
Talbert A, 70
Tall A, 1359
Tanganelli P, 1700
Tarabochia B, 1700
Tarabochia B, 1700
Taskinen M-R, 286
Taubert KA, A148
Tauveron I, 1299
Tavazzi L, 1412
Tedgui A, 379
Thie M, 994, 1572
Thiéblot P, 1299

Thompson SG, 1865 Tissinier A. 1171 Tkachuk VA, 1261 Toledo AW, 1082 Tomaszewski JE, 924 Tota RR, 211 Tracy PB, 1613 Tranier P, 1125 Tremblay A, 33 Tremoli E, 338, 944, 1412 True LD, 907 Tselentakis MJ, 907 Tu L, 720 Tulinsky A, 758 Turri M. 1412 Tyroler HA, 826

U

Umeda Y, 231 Uzan A, 1164

1

Valdez RA, 1623 Vallance BD, 170, 702 van den Maagdenberg AMJM, 316 van der Kooy K, 487 van der Laarse A, 316 van der Wall EE, 78 van der Westhuyzen DR, 1076, van 't Hooft FM, 78, 316 Varentsov SI, 1244 Vasudevan J, 48 Vaughan DE, 1587 Vega GL, 472, 579, 1227 Venkatesan S. 1110 Vercellotti GM, 1779 Verdouw PD, 651 Vergès B, 1299 Vezina C, 720 Virgolini I, 536 Vlasic N, 211 von Eckardstein A, 240, 445 von Hodenberg E, 1631 Vonica A, 1066 Voutilainen E, 41, 1469 Vranizan KM, 1654 Vuorinen-Markkola H, 286

**7

Wagner JD, 1645 Wahrenberg H, 967 Walker J, 84 Wang J, 1253 Wang X-J, 842 Warn-Cramer BJ, 1551 Warr GA, 435 Wassef M, 379 Waters D, 951 Weber G, 1700 Weimann S, 1763 Weisbrod RM, 915 Weisman HF, 1837 Weisz PB, 924 Wendelhag I, 1404 Wennmalm A, 777 Weststrate JA, 487 Wettesten M, 1743 Wheelock C, 1721 Whisler RL, 220 White JG, 1236, 1852 Wick G. 1763 Wickline SA, 1543 Wight TN, 1026 Wiklund A, 1743 Wiklund O, 296, 1404 Wikstrand J, 1404 Wilcken DEL, 512, 1253 Willeit J, 661 Williams JK, 254, 548 Williams OD, 1205 Williams PT, 1654 Wilson BD, 1327 Wilson PWF, 1429 Wilson W, A148 Wing RR, 162 Winocour PH, 1046 Witztum JL, 590, 601, 1382 Wojenski CM, 84 Wolever TS, 720 Wolf H, 1763 Wolfe MS, 863 Wollman J, 482 Wong M, 482 Wu K, 826 Wu KK, 162, 783, 1205, 1829

X

Xu Q, 1763

V

Yamada K, 892 Yamada R, 1859 Yamazaki M, 331 Yang X-C, 467 Yao Z, 1476 Yaoita H, 738 Yarnell JWG, 517 Yasue H, 1525 Yokoyama M, 1885 Yoshida F, 892 Yoshimine N, 892 Yudkin JS, 415 Yui S, 331

7

Zambon A, 147, 427 Zanellato AMC, 347 Zatta A, 696 Zhang H, 220 Zhao SP, 316 Zylberberg G, 1640

Volume 13, January-December 1993

A

Accelerated clearance

Biphasic Effects of Low-Molecular-Weight and Conventional Heparins on Chylomicron Clearance in Rats, 1397

Acetyl LDL recentor

Oxidized Low Density Lipoproteins Bind to the Scavenger Receptor Expressed by Rabbit Smooth Muscle Cells and Macrophages, 371

Acetylated LDL

Induction of Murine Macrophage Growth by Modified LDLs, 331

Acetylcholine

Physical Conditioning Can Modulate Endothelium-Dependent Vasorelaxation in Rabbits, 852

Acetylsalicylic acid

Excretion of Thromboxane Metabolites in Healthy Women After Cessation of Smoking, 777

Acoustic microscopy

Quantitative Ultrasonic Characterization of Lesion Composition and Remodeling in Atherosclerotic Rabbit Aorta, 1543

Actin isoforms

Age Influences the Replicative Activity and the Differentiation Features of Cultured Rat Aortic Smooth Muscle Cell Populations and Clones, 1449

Actinomycin D

In Vitro Large-Wound Re-endothelialization: Inhibition of Centrosome Redistribution by Transient Inhibition of Transcription After Wounding Prevents Rapid Repair, 1270

Activin

Expression of Follistatin, an Activin-Binding Protein, in Vascular Smooth Muscle Cells and Arteriosclerotic Lesions, 1859

Acute myocardial infarction

Cilostazol, a Novel Cyclic AMP Phosphodiesterase Inhibitor, Prevents Reocclusion After Coronary Arterial Thrombolysis With Recombinant Tissue-Type Plasminogen Activator, 563

Intravenous and Endobronchial Administration of G4120, a Cyclic Arg-Gly-Asp-Containing Platelet GPIIb/IIIa Receptor-Blocking Pentapeptide, Enhances and Sustains Coronary Arterial Thrombolysis With rt-PA in a Canine Preparation, 738

Acyl coenzyme A cholesterol acyltransferase

Prostacyclin Agonists Reduce Early Atherosclerosis in Hyperlipidemic Hamsters: Octimibate and BMY 42393 Suppress Monocyte Chemotaxis, Macrophage Cholesteryl Ester Accumulation, Scavenger Receptor Activity, and Tumor Necrosis Factor Production, 435

Adenylate cyclase

The GTP-Binding Regulatory Proteins, G, and G, Are Altered in Erythrocyte Membranes of Patients With Ischemic Heart Disease Resulting From Coronary Atherosclerosis, 1244

Adhesion

Inhibitory Effect of Clopidogrel on Platelet Adhesion and Intimal Proliferation After Arterial Injury in Rabbits, 1171

Tumor Necrosis Factor- α Stimulates ICAM-1 Expression in Human Vascular Smooth Muscle Cells, 407

Adipocytes

Adipocyte β-Adrenoceptor Sensitivity Influences Plasma Lipid Levels, 967

Adiposity

Associations of Age, Adiposity, Alcohol Intake, Menstrual Status, and Estrogen Therapy With High-Density Lipoprotein Subclasses, 1654

Adolescents

Parental History of Early Myocardial Infarction Is Associated With Decreased Levels of Lipoparticle AI in Adolescents, 1640

ADP

Shear-Induced Platelet Aggregation Is Potentiated by Desmopressin and Inhibited by Ticlopidine, 393

ADPase activity

Platelet Aggregation Induced by the Endoperoxide Analogue U46619 Is Inhibited by Polymorphonuclear Leukocyte ADPase Activity, 696

β-Adrenergic receptors

Adipocyte β-Adrenoceptor Sensitivity Influences Plasma Lipid Levels, 967

Adventitial inflammation

Intimal Thickening and Medial Necrosis in Allograft Arteriosclerosis (Chronic Rejection) Are Independently Regulated, 1019

Affinity chromatography

Identification of Novel Heparin-Releasable Proteins, as Well as the Cytokines Midkine, and Pleiotrophin, in Human Postheparin Plasma, 1798

African Americans

Lipoprotein[a] Concentrations and Apolipoprotein[a] Phenotypes in Caucasians and African Americans: The CARDIA Study, 1037

Age

Associations of Age, Adiposity, Alcohol Intake, Menstrual Status, and Estrogen Therapy With High-Density Lipoprotein Subclasses, 1654

Childhood Consumption of Dietary Polyunsaturated Fat Lowers Risk for Coronary Artery Atherosclerosis in African Green Monkeys, 863

Aging

Age Influences the Replicative Activity and the Differentiation Features of Cultured Rat Aortic Smooth Muscle Cell Populations and Clones, 1449

ApoE4 Polymorphism Increases the Risk for Exercise-Induced Silent Myocardial Ischemia in Older Men, 1495

Arterial Alterations With Aging and High Blood Pressure: A Noninvasive Study of Carotid and Femoral Arteries, 90

AHA Registry

Failure of Prophylaxis for Bacterial Endocarditis: American Heart Association Registry, A148

Alcohol

Associations of Age, Adiposity, Alcohol Intake, Menstrual Status, and Estrogen Therapy With High-Density Lipoprotein Subclasses, 1654

Alimentary lipemia

HDLs and Alimentary Lipemia: Studies in Men With Previous Myocardial Infarction at a Young Age, 11

e-Amino-n-caproic acid

Fibrinogenolytic and Fibrinolytic Activity of Cell-Associated Plasmin, 48

Androgens

Relation Between Sex Hormones and Serum Lipoprotein and Lipoprotein(a) Concentrations in Premenopausal Obese Women 675

Aneurysm

Effects of Local Geometry and Fluid Dynamics on Regional Platelet Deposition on Artificial Surfaces, 1806

Angina pectoris

Involvement of the Hemostatic System in the Insulin Resistance Syndrome: A Study of 1500 Patients With Angina Pectoris, 1865 Angioplasty

Inhibition of Smooth Muscle Cell Proliferation and Experimental Angioplasty Restenosis by β-Cyclodextrin Tetradecasul-

Potentiation of the Vasospastic Response to Angioplasty by Pretreatment With Fluoxetine: A Study in the Atherosclerotic Rabbit, 907

Angiotensin-converting enzyme

ACE Inhibition With Perindopril and Atherogenesis-Induced Structural and Functional Changes in Minipig Arteries, 1125

Angiotensin-converting-enzyme inhibitors

ACE Inhibition With Perindopril and Atherogenesis-Induced Structural and Functional Changes in Minipig Arteries, 1125

Concerted Effects of Lipoproteins and Angiotensin II on Signal Transduction Processes in Vascular Smooth Muscle Cells, 1261

Ankle-arm index

Lower-Extremity Arterial Disease in Older Hypertensive Adults, 555

Annexin V

Regulation of Factor VIIa/Tissue Factor Functional Activity in an Umbilical Vein Model, 105

Antibodies

Staining of Endothelial Cells and Macrophages in Atherosclerotic Lesions With Human Heat-Shock Protein-Reactive Antisera, 1763

Antioxidants

Comparison of Supplementation of RRR-α-Tocopherol and Racemic α-Tocopherol in Humans: Effects on Lipid Levels and Lipoprotein Susceptibility to Oxidation, 601

Effect of Dietary Antioxidant Combinations in Humans: Protection of LDL by Vitamin E but Not by β -Carotene, 590 Influence of Probucol on Enhanced LDL Oxidation After Fish Oil Treatment of Hypertriglyceridemic Patients, 1790

α 2-Antiplasmin

Fibrinogenolytic and Fibrinolytic Activity of Cell-Associated Plasmin, 48

Antithrombotic capacity

Anticoagulant Activity of Tissue Factor Pathway Inhibitor in Human Plasma Is Preferentially Associated With Dense Subspecies of LDL and HDL and With Lp(a), 1066

Development and Regression of Atherosclerosis in Pigs: Effects of n-3 Fatty Acids, Their Incorporation Into Plasma and Aortic Plaque Lipids, and Granulocyte Function, 651

Natural History of Aortic and Coronary Atherosclerotic Lesions in Youth: Findings From the PDAY Study, 1291

Aortic endothelium

Comparison of Gene Expression in Bovine Aortic Endothelium In Vivo Versus In Vitro: Differences in Growth Regulatory Molecules, 985

Aortic rings

Cyclic AMP Suppresses Fibronectin Expression in the Rabbit Aorta In Vitro, 1668

ApoA-I

Characterization of ApoA-IV-Containing Lipoprotein Particles Isolated From Human Plasma and Interstitial Fluid, 126

Lack of Apo A-I Is Not Associated With Increased Susceptibility to Atherosclerosis in Mice, 1814

Lipoprotein Profile Characterization of the KKAy Mouse, a Rodent Model of Type II Diabetes, Before and After Treatment With the Insulin-Sensitizing Agent Pioglitazone, 302 Plasma Lipoprotein and Apolipoprotein Levels in Taipei and

Framingham, 1429

Retinoids Stimulate ApoA-I Synthesis by Induction of Gene Transcription in Primary Hepatocyte Cultures From Cynomolgus Monkey (Macaca fascicularis), 1505

ApoA-I kinetics

Two Patterns of LDL Metabolism in Normotriglyceridemic Patients With Hypoalphalipoproteinemia, 579

Influence of the ApoA-II Gene Locus on HDL Levels and Fatty Streak Development in Mice, 1

ApoA-IV

ApoA-IV Is Secreted on Discrete HDL Particles by the Rat Hepatoma Cell Line McA-RH7777 Transfected With ApoA-IV cDNA, 1476

Characterization of ApoA-IV-Containing Lipoprotein Particles Isolated From Human Plasma and Interstitial Fluid, 126

ApoA-IV polymorphism

Glutamine/Histidine Polymorphism in Apo A-IV Affects Plasma Concentrations of Lipoprotein(a) and Fibrin Split Products in Coronary Heart Disease Patients, 240

Lipoprotein Compositional Abnormalities and Insulin Resistance in Type II Diabetic Patients With Mild Hyperlipidemia,

Lipoprotein Profile Characterization of the KKAy Mouse, a Rodent Model of Type II Diabetes, Before and After Treatment With the Insulin-Sensitizing Agent Pioglitazone, 302

Plasma Lipoprotein and Apolipoprotein Levels in Taipei and Framingham, 1429

Relation of Plasma Triglyceride and ApoB Levels to Insulin-Mediated Suppression of Nonesterified Fatty Acids: Possible Explanation for Sex Differences in Lipoprotein Pattern, 1187

Stable Isotopes Show a Direct Relation Between VLDL ApoB Overproduction and Serum Triglyceride Levels and Indicate a Metabolically and Biochemically Coherent Basis for Familial Combined Hyperlipidemia, 1110

ApoB-100

Characterization of Six Patients Who Are Double Heterozygotes for Familial Hypercholesterolemia and Familial Defective Apo B-100, 1076

Influence of Triacylglycerol Biosynthesis Rate on the Assembly of ApoB-100-Containing Lipoproteins in Hep G2 Cells, 1743 Retinoids Stimulate ApoA-I Synthesis by Induction of Gene

Transcription in Primary Hepatocyte Cultures From Cynomolgus Monkey (Macaca fascicularis), 1505

Apo B/E receptor

Dietary Fat Saturation Modifies the Metabolism of LDL Subfractions in Guinea Pigs, 1418

ApoE4 Polymorphism Increases the Risk for Exercise-Induced Silent Myocardial Ischemia in Older Men, 1495

Lack of Apo A-I Is Not Associated With Increased Susceptibility to Atherosclerosis in Mice, 1814

Lipoprotein Profile Characterization of the KKAy Mouse, a Rodent Model of Type I! Diabetes, Before and After Treatment With the Insulin-Sensitizing Agent Pioglitazone, 302

Lipoproteins in Familial Dysbetalipoproteinemia: Variation of Serum Cholesterol Level Associated With VLDL Concentration, 316

Underexpression of the Apolipoprotein E4 Isoform in an Italian Population, 1456

Apolipoprotein A-I

Associations of Age, Adiposity, Alcohol Intake, Menstrual Status, and Estrogen Therapy With High-Density Lipoprotein Subclasses, 1654

Increased Production Rates of LDL Are Common in Individuals With Low Plasma Levels of HDL Cholesterol, Independent of Plasma Triglyceride Concentrations, 842

Apolipoprotein B

Deletion cf Exon 15 of the LDL Receptor Gene Is Associated With a Mild Form of Familial Hypercholesterolemia: FH-

Familial Hypoalphalipoproteinemia in Premature Coronary Artery Disease, 1728

Fenofibrate and LDL Metabolic Heterogeneity in Hypercholesterolemia, 702

Impaired Chylomicron Remnant Clearance in Familial Combined Hyperlipidemia, 804

Increased Production Rates of LDL Are Common in Individuals With Low Plasma Levels of HDL Cholesterol, Independent of Plasma Triglyceride Concentrations, 842

1900

Apolipoprotein E

Deletion of Exon 15 of the LDL Receptor Gene Is Associated With a Mild Form of Familial Hypercholesterolemia: FH-Espoo, 1680

Phenotypic Variation Among Familial Hypercholesterolemics Heterozygous for Either One of Two Afrikaner Founder LDL Receptor Mutations, 1460

β-VLDL in Hepatic Lipase Deficiency Induces ApoE-Mediated Cholesterol Ester Accumulation in Macrophages, 1282

Apolipoprotein[a]

Comparison of Ligand-Binding Sites of Modeled Apo[a] Kringle-like Sequences in Human Lipoprotein[a], 758

Apolipoprotein[a] phenotypes

Lipoprotein[a] Concentrations and Apolipoprotein[a] Phenotypes in Caucasians and African Americans: The CARDIA Study, 1037

The Relation of Lipoprotein[a] Concentrations and Apolipoprotein[a] Phenotypes With Asymptomatic Atherosclerosis in Subjects of the Atherosclerosis Risk in Communities (ARIC) Study, 1558

Apolipoproteins

A Cross-sectional Study of Endogenous Tissue Plasminogen Activator, Total Cholesterol, HDL Cholesterol, and Apolipoproteins A-I, A-II, and B-100, 1587

Exercise Training Decreases Plasma Cholesteryl Ester Transfer Protein, 1359

Modulation of the Expression of Human LDL-Apo B-100 Epitopes by Lipids and Apolipoproteins, 529

Apoprotein E

Abundant Expression of Apoprotein E by Macrophages in Human and Rabbit Atherosclerotic Lesions, 1382

Macrophage-Conditioned Medium and β-VLDLs Enhance Cholesterol Esterification in SMCs and HSFs by LDL Receptor-Mediated and Other Pathways, 1350

Arachidonic acid cascade

Interactions Between the Monocyte/Macrophage and the Vascular Smooth Muscle Cell: Stimulation of Mitogenesis by a Soluble Factor and of Prostanoid Synthesis by Cell-Cell Contact, 220

Arg-Gly-Asp peptides

Aggregate Formation Is More Strongly Inhibited at High Shear Rates by dRGDW, a Synthetic RGD-Containing Peptide, 1164

Arterial change

Benzo(a)pyrene Enhances Atherosclerosis in White Carneau and Show Racer Pigeons, 1721

Arterial flow

Human Type II Hyperlipoproteinemia Enhances Platelet-Collagen Adhesion in Flowing Nonanticoagulated Blood, 1650

Arterial mass transport

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Arterial remodeling

Evidence That Turbulence Is Not the Cause of Poststenotic Dilatation in Rabbit Carotid Arteries, 977

Arterial reocclusion

Intravenous and Endobronchial Administration of G4120, a Cyclic Arg-Gly-Asp-Containing Platelet GPIIb/IIIa Receptor-Blocking Pentapeptide, Enhances and Sustains Coronary Arterial Thrombolysis With rt-PA in a Canine Preparation, 738

Arterial thrombosis

Dermatan Sulfate Inhibition of Fibrin-Rich Thrombus Formation in Nonhuman Primates, 1213

Arterial wall

Localization and Production of Plasminogen Activator Inhibitor-1 in Human Healthy and Atherosclerotic Arteries, 1090 Ultrasonic-Pathological Comparison of the Human Arterial Wall: Verification of Intima-Media Thickness, 482 Arterial wall mechanical properties

Effect of a Nonhypotensive Long-term Infusion of ANP on the Mechanical and Structural Properties of the Arterial Wall in Wistar-Kyoto and Spontaneously Hypertensive Rats, 640

Arterial wall thickness

Atherosclerotic Changes in the Femoral and Carotid Arteries in Familial Hypercholesterolemia: Ultrasonographic Assessment of Intima-Media Thickness and Plaque Occurrence, 1404

Arteriosclerosis

Coronary Arteriosclerosis in Dogfish (Scyliorhinus canicula): An Assessment of Some Potential Risk Factors, 876

Expression of Follistatin, an Activin-Binding Protein, in Vascular Smooth Muscle Cells and Arteriosclerotic Lesions, 1859 In Situ Immunolocalization of Lipoproteins in Human Arterio-

sclerotic Tissue, 133

Intimal Thickening and Medial Necrosis in Allograft Arteriosclerosis (Chronic Rejection) Are Independently Regulated, 1019

Involvement of the Hemostatic System in the Insulin Resistance Syndrome: A Study of 1500 Patients With Angina Pectoris, 1865

Responsiveness of Aortic Smooth Muscle Cells to Soluble Growth Mediators Is Influenced by Cell-Matrix Contact, 994 The Endothelium During Cuff-Induced Neointima Formation in the Rabbit Carotid Artery, 1874

Arteriovenous fistulas

Cell Proliferation in Human Arteriovenous Fistulas Used for Hemodialysis, 609

Atherogenesis

Augmentation of Synthesis of Plasminogen Activator Inhibitor Type-1 in Arterial Endothelial Cells by Glucose and Its Implications for Local Fibrinolysis, 1822

Atherogenic diet

Lack of Apo A-I Is Not Associated With Increased Susceptibility to Atherosclerosis in Mice, 1814

Atheroma

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Atheromatosis

Age Influences the Replicative Activity and the Differentiation Features of Cultured Rat Aortic Smooth Muscle Cell Populations and Clones, 1449

Atherosclerosis

A Cross-sectional Study of Endogenous Tissue Plasminogen Activator, Total Cholesterol, HDL Cholesterol, and Apolipoproteins A-I, A-II, and B-100, 1587 Abundant Expression of Apoprotein E by Macrophages in

Human and Rabbit Atherosclerotic Lesions, 1382

ACE Inhibition With Perindopril and Atherogenesis-Induced Structural and Functional Changes in Minipig Arteries, 1125 An Atherogenic Diet Rapidly Induces VCAM-1, a Cytokine-

Regulatable Mononuclear Leukocyte Adhesion Molecule, in Rabbit Aortic Endothelium, 197

Aortic Smooth Muscle Cells in a Three-Dimensional Collagen Lattice Culture: Evidence for Posttranslational Regulation of Collagen Synthesis, 1572

ApoE4 Polymorphism Increases the Risk for Exercise-Induced Silent Myocardial Ischemia in Older Men, 1495

Arterial Intimal Hyperplasia After Occlusion of the Adventitial Vasa Vasorum in the Pig, 70

Augmentation of Synthesis of Plasminogen Activator Inhibitor Type-1 in Arterial Endothelial Cells by Glucose and Its Implications for Local Fibrinolysis, 1822

Benzo(a) pyrene Enhances Atherosclerosis in White Carneau and Show Racer Pigeons, 1721

Comparison of Supplementation of RRR-α-Tocopherol and Racemic α-Tocopherol in Humans: Effects on Lipid Levels and Lipoprotein Susceptibility to Oxidation, 601

Cytokeratins 8 and 18 in Smooth Muscle Cells: Detection in Human Coronary Artery, Peripheral Vascular, and Vein Graft Disease and in Transplantation-Associated Arteriosclerosis, 1631

Dexamethasone-Induced Suppression of Aortic Atherosclerosis in Cholesterol-Fed Rabbits: Possible Mechanisms, 892

Dietary n-3 Polyunsaturated Fatty Acids Prevent the Development of Atherosclerotic Lesions in Mice: Modulation of Macrophage Secretory Activities, 1515

Effect of Dietary Antioxidant Combinations in Humans: Protection of LDL by Vitamin E but Not by β-Carotene, 590

Effect of Vitamin E on Vascular Integrity in Cholesterol-Fed Guinea Pigs, 1885

Effects of Lovastatin on the Levels, Structure, and Atherogenicity of VLDL in Patients With Moderate Hypertriglyceridemia, 472

Glutamine/Histidine Polymorphism in Apo A-IV Affects Plasma Concentrations of Lipoprotein(a) and Fibrin Split Products in Coronary Heart Disease Patients, 240

High Macrophage Lipoprotein Lipase Expression and Secretion Are Associated in Inbred Murine Strains With Susceptibility to Atherosclerosis, 190

HMG CoA Reductase Inhibitors: In Vivo Effects on Carotid Intimal Thickening in Normocholesterolemic Rabbits, 571

Human Type II Hyperlipoproteinemia Enhances Platelet-Collagen Adhesion in Flowing Nonanticoagulated Blood, 1650

Hypercholesterolemia Is Associated With a Reduced Response of Smooth Muscle Guanylyl Cyclase to Nitrovasodilators,

Identification of Multiple Dense LDL Subfractions With Enhanced Susceptibility to In Vitro Oxidation Among Hypertriglyceridemic Subjects: Normalization After Clofibrate Treatment, 712

Immunostaining of Human Autopsy Aortas With Antibodies to Modified Apolipoprotein B and Apoprotein(a), 1689

Influx, Efflux, and Accumulation of LDL in Normal Arterial Areas and Atherosclerotic Lesions of White Carneau Pigeons With Naturally Occurring and Cholesterol-Aggravated Aortic Atherosclerosis, 1368

Inhibition of Copper-Mediated Oxidation of LDL by Rat Serosal Mast Cells: A Novel Cellular Protective Mechanism Involving Proteolysis of the Substrate Under Oxidative Stress,

Interaction of Oxidized HDLs With J774-A1 Macrophages Causes Intracellular Accumulation of Unesterified Choles-

Lack of Apo A-I Is Not Associated With Increased Susceptibility to Atherosclerosis in Mice, 1814

LDL Inhibits the Mediation of Cholesterol Efflux From Macrophage Foam Cells by ApoA-I-Containing Lipoproteins: A Putative Mechanism for Foam Cell Formation, 1307

Lipoprotein[a] as a Risk Factor for Preclinical Atherosclerosis, 826

Local Intimal-Medial Uptakes of 125I-Albumin, 125I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Localization and Production of Plasminogen Activator Inhibitor-1 in Human Healthy and Atherosclerotic Arteries, 1090

Microalbuminuria Is a Marker of Left Ventricular Hypertrophy but Not Hyperinsulinemia in Nondiabetic Atherosclerotic Patients, 900

Nifedipine Inhibits Accumulation of LDL and Cholesterol in the Aorta of the Normocholesterolemic Rabbit, 637

Noninvasive Quantitative Evaluation of Atherosclerosis Using MRI and Image Analysis, 1180

Oxidized LDL-Induced Leukocyte/Endothelium Interaction In Vivo Involves the Receptor for Platelet-Activating Factor,

Plaque Changes and Arterial Enlargement in Atherosclerotic Monkeys After Manipulation of Diet and Social Environment, 254

Potential of 99mTc-LDLs Labeled by Two Different Methods for Scintigraphic Detection of Experimental Atherosclerosis in Rabbits, 78

Prostacyclin Agonists Reduce Early Atherosclerosis in Hyperlipidemic Hamsters: Octimibate and BMY 42393 Suppress Monocyte Chemotaxis, Macrophage Cholesteryl Ester Accumulation, Scavenger Receptor Activity, and Tumor Necrosis Factor Production, 435

Protection From Atherosclerosis in Vein Grafts by a Rigid External Support, 379

Quantitative Ultrasonic Characterization of Lesion Composition and Remodeling in Atherosclerotic Rabbit Aorta, 1543

Responsiveness of Aortic Smooth Muscle Cells to Soluble Growth Mediators Is Influenced by Cell-Matrix Contact, 994 Severity of Peripheral Atherosclerosis Is Associated With Fi-

brinogen and Degradation of Cross-linked Fibrin, 1738 Staining of Endothelial Cells and Macrophages in Atheroscle-

rotic Lesions With Human Heat-Shock Protein-Reactive Antisera, 1763

Tumor Necrosis Factor-a Stimulates ICAM-1 Expression in Human Vascular Smooth Muscle Cells, 407

Vitamin E, LDL, and Endothelium: Brief Oral Vitamin Supplementation Prevents Oxidized LDL-Mediated Vascular Injury

Atherosclerosis development

Development and Regression of Atherosclerosis in Pigs: Effects of n-3 Fatty Acids, Their Incorporation Into Plasma and Aortic Plaque Lipids, and Granulocyte Function, 651

Atherosclerosis of aorta

Detection of Chlamydia pneumoniae in Aortic Lesions of Atherosclerosis by Immunocytochemical Stain, 1501

Atherosclerosis progression

Relation of Vessel Wall Shear Stress to Atherosclerosis Progression in Human Coronary Arteries, 310

Atherosclerosis regression

Development and Regression of Atherosclerosis in Pigs: Effects of n-3 Fatty Acids, Their Incorporation Into Plasma and Aortic Plaque Lipids, and Granulocyte Function, 651

Atherosclerosis susceptibility

Influx, Efflux, and Accumulation of LDL in Normal Arterial Areas and Atherosclerotic Lesions of White Carneau Pigeons With Naturally Occurring and Cholesterol-Aggravated Aortic Atherosclerosis, 1368

Atherosclerotic lesions

Influx, Efflux, and Accumulation of LDL in Normal Arterial Areas and Atherosclerotic Lesions of White Carneau Pigeons With Naturally Occurring and Cholesterol-Aggravated Aortic Atherosclerosis, 1368

Natural History of Aortic and Coronary Atherosclerotic Lesions in Youth: Findings From the PDAY Study, 1291

Increased Fibrin Turnover and High PAI-1 Activity as Predictors of Ischemic Events in Atherosclerotic Patients: A Case-Control Study, 1412

Atrial natriuretic peptide

Effect of a Nonhypotensive Long-term Infusion of ANP on the Mechanical and Structural Properties of the Arterial Wall in Wistar-Kyoto and Spontaneously Hypertensive Rats, 640

Autocrine growth

Smooth Muscle Cell Immediate-Early Gene and Growth Factor Activation Follows Vascular Injury: A Putative In Vivo Mechanism for Autocrine Growth, 211

Staining of Endothelial Cells and Macrophages in Atherosclerotic Lesions With Human Heat-Shock Protein-Reactive Antisera, 1763

Autopsy

Natural History of Aortic and Coronary Atherosclerotic Lesions in Youth: Findings From the PDAY Study, 1291

B-mode imaging

Atherosclerotic Changes in the Femoral and Carotid Arteries in Familial Hypercholesterolemia: Ultrasonographic Assessment of Intima-Media Thickness and Plaque Occurrence, 1404

B-mode ultrasonography

Lipoprotein[a] as a Risk Factor for Preclinical Atherosclerosis, 826

Baboon

A Chimeric Murine/Human Antibody Fab Fragment Directed Against the Platelet GPIIb/IIIa Receptor Enhances and Sustains Arterial Thrombolysis With Recombinant Tissue-Type Plasminogen Activator in Baboons, 1837

Baboon model of thrombosis

Recombinant Leech Antiplatelet Protein Prevents Collagen-Mediated Platelet Aggregation but Not Collagen Graft Thrombosis in Baboons, 1593

Basic fibroblast growth factor

Basic Fibroblast Growth Factor in the Extracellular Matrix Suppresses Collagen Synthesis and Type III Procollagen mRNA Levels in Arterial Smooth Muscle Cell Cultures, 680

Benzo(a) pyrene

Benzo(a)pyrene Enhances Atherosclerosis in White Carneau and Show Racer Pigeons, 1721

Bernard-Soulier syndrome

Phospholipase C Activity in Platelets From Bernard-Soulier Syndrome Patients, 1567

Betaine: homocysteine methyltransferase

Disordered Methionine/Homocysteine Metabolism in Premature Vascular Disease: Its Occurrence, Cofactor Therapy, and Enzymology, 1253

Black-white

Natural History of Aortic and Coronary Atherosclerotic Lesions in Youth: Findings From the PDAY Study, 1291

Bleeding time

Inhibition of Exercise-Induced Shortening of Bleeding Time by Fish Oil in Familial Hypercholesterolemia (Type IIa), 98

Shear-Induced Platelet Aggregation Is Potentiated by Desmopressin and Inhibited by Ticlopidine, 393

Blood coagulation factors

Association of Hemostatic Variables With Prevalent Cardiovascular Disease and Asymptomatic Carotid Artery Atherosclerosis, 1829

Associations of Fish Intake and Dietary n-3 Polyunsaturated Fatty Acids With a Hypocoagulable Profile: The Atherosclerosis Risk in Communities (ARIC) Study, 1205

Plasma Fibrinogen and Its Correlates in Japanese and US Population Samples, 783

Blood lipids

Development and Regression of Atherosclerosis in Pigs: Effects of n-3 Fatty Acids, Their Incorporation Into Plasma and Aortic Plaque Lipids, and Granulocyte Function, 651

Microalbuminuria İs a Marker of Left Ventricular Hypertrophy but Not Hyperinsulinemia in Nondiabetic Atherosclerotic Patients, 900

Blood-materials interaction

Effects of Local Geometry and Fluid Dynamics on Regional Platelet Deposition on Artificial Surfaces, 1806

Blood pressure

Cardiovascular Risk Factors in Non-Insulin-Dependent Diabetic Subjects With Microalbuminuria, 205

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Prostacyclin Agonists Reduce Early Atherosclerosis in Hyperlipidemic Hamsters: Octimibate and BMY 42393 Suppress Monocyte Chemotaxis, Macrophage Cholesteryl Ester Accumulation, Scavenger Receptor Activity, and Tumor Necrosis Factor Production, 435

Blood vessels

Cell Proliferation in Human Arteriovenous Fistulas Used for Hemodialysis, 609

Body composition

Exercise Training Decreases Plasma Cholesteryl Ester Transfer Protein, 1359 **Body fat distribution**

Differential Effects of Body Fatness and Body Fat Distribution on Risk Factors for Cardiovascular Disease in Women: Impact of Weight Loss, 1487

Relation Between Sex Hormones and Serum Lipoprotein and Lipoprotein(a) Concentrations in Premenopausal Obese

Women, 675

C

CaCo-2 cells

Regulation of LDL Receptor Expression by Luminal Sterol Flux in CaCo-2 Cells, 729

Calcium channel blockers

Nifedipine Inhibits Accumulation of LDL and Cholesterol in the Aorta of the Normocholesterolemic Rabbit, 637

Calphostin C

Protein Kinase C Inhibitors Prevent Impairment of Endothelium-Dependent Relaxation by Oxidatively Modified LDL, 1525

Canonical correlation

Modulation of the Expression of Human LDL-Apo B-100 Epitopes by Lipids and Apolipoproteins, 529

CARDIA Study

Lipoprotein[a] Concentrations and Apolipoprotein[a] Phenotypes in Caucasians and African Americans: The CARDIA Study, 1037

Cardiac hypertrophy

Microalbuminuria Is a Marker of Left Ventricular Hypertrophy but Not Hyperinsulinemia in Nondiabetic Atherosclerotic Patients. 900

Cardiovascular disease

Augmentation of Synthesis of Plasminogen Activator Inhibitor Type-1 in Arterial Endothelial Cells by Glucose and Its Implications for Local Fibrinolysis, 1822

Cardiovascular risk

Favorable Long-term Effect of a Low-Fat/High-Fiber Diet on Human Blood Coagulation and Fibrinolysis, 505

Cardiovascular risk factors

Differential Effects of Body Fatness and Body Fat Distribution on Risk Factors for Cardiovascular Disease in Women: Impact of Weight Loss, 1487

Excretion of Thromboxane Metabolites in Healthy Women After Cessation of Smoking, 777

Microalbuminuria Is a Marker of Left Ventricular Hypertrophy but Not Hyperinsulinemia in Nondiabetic Atherosclerotic Patients, 900

Underexpression of the Apolipoprotein E4 Isoform in an Italian Population, 1456

B-Carotene

Effect of Dietary Antioxidant Combinations in Humans: Protection of LDL by Vitamin E but Not by β -Carotene, 590

Carotid artery disease

Isolated Systolic Hypertension and Vessel Wall Thickness of the Carotid Artery: The Rotterdam Elderly Study, 64

Carotid atherosclerosis

Isolated Systolic Hypertension and Vessel Wall Thickness of the Carotid Artery: The Rotterdam Elderly Study, 64

Prevalence and Risk Factors of Asymptomatic Extracranial Carotid Artery Atherosclerosis: A Population-Based Study, 661

The Relation of Lipoprotein[a] Concentrations and Apolipoprotein[a] Phenotypes With Asymptomatic Atherosclerosis in Subjects of the Atherosclerosis Risk in Communities (ARIC) Study, 1558

Caucasians

Lipoprotein[a] Concentrations and Apolipoprotein[a] Phenotypes in Caucasians and African Americans: The CARDIA Study, 1037

CD63

Platelet-Associated Factor XIII as a Marker of Platelet Activation in Patients With Peripheral Vascular Disease, 857

Cell-cell contacts

Interactions Between the Monocyte/Macrophage and the Vascular Smooth Muscle Cell: Stimulation of Mitogenesis by a Soluble Factor and of Prostanoid Synthesis by Cell-Cell Contact 220

Cell-derived cholesterol

Cell-Derived Unesterified Cholesterol Cycles Between Different HDLs and LDL for Its Effective Esterification in Plasma, 445

Cell-matrix contact

Responsiveness of Aortic Smooth Muscle Cells to Soluble Growth Mediators Is Influenced by Cell-Matrix Contact, 994

Cell migration

Role of Endogenous Platelet-Derived Growth Factor in Arterial Smooth Muscle Cell Migration After Balloon Catheter Injury, 1218

Cell proliferation

Cell Proliferation in Human Arteriovenous Fistulas Used for Hemodialysis, 609

Osteopontin Overexpression Is Associated With Arterial Smooth Muscle Cell Proliferation In Vitro, 120

Cellular cholesterol content

Dietary Monounsaturated Fatty Acids Enhance Cholesterol Efflux From Human Fibroblasts: Relation to Fluidity, Phospholipid Fatty Acid Composition, Overall Composition, and Size of HDL3, 958

Centrosome

In Vitro Large-Wound Re-endothelialization: Inhibition of Centrosome Redistribution by Transient Inhibition of Transcription After Wounding Prevents Rapid Repair, 1270

Cerebrovascular disorders

Association of Hemostatic Variables With Prevalent Cardiovascular Disease and Asymptomatic Carotid Artery Atherosclerosis. 1829

Chemotaxis

Prostacyclin Agonists Reduce Early Atherosclerosis in Hyperlipidemic Hamsters: Octimibate and BMY 42393 Suppress Monocyte Chemotaxis, Macrophage Cholesteryl Ester Accumulation, Scavenger Receptor Activity, and Tumor Necrosis Factor Production, 435

Chimeric antibody

A Chimeric Murine/Human Antibody Fab Fragment Directed Against the Platelet GPIIb/IIIa Receptor Enhances and Sustains Arterial Thrombolysis With Recombinant Tissue-Type Plasminogen Activator in Baboons, 1837

Chines

Plasma Lipoprotein and Apolipoprotein Levels in Taipei and Framingham, 1429

Chlamydia pneumoniae

Detection of Chlamydia pneumoniae in Aortic Lesions of Atherosclerosis by Immunocytochemical Stain, 1501

Cholesterol

A Cross-sectional Study of Endogenous Tissue Plasminogen Activator, Total Cholesterol, HDL Cholesterol, and Apolipoproteins A-I, A-II, and B-100, 1587

Coronary Arteriosclerosis in Dogfish (Scyliorhinus canicula): An Assessment of Some Potential Risk Factors, 876

Deletion of Exon 15 of the LDL Receptor Gene Is Associated With a Mild Form of Familial Hypercholesterolemia: FH-Espoo, 1680

Effect of 3-Thiadicarboxylic Acid on Lipid Metabolism in Experimental Nephrosis, 1580

Effects of Canola, Corn, and Olive Oils on Fasting and Postprandial Plasma Lipoproteins in Humans as Part of a National Cholesterol Education Program Step 2 Diet, 1533

Genetics of LDL Subclass Phenotypes in Women Twins: Concordance, Heritability, and Commingling Analysis, 687

Human Cholesterol Synthesis Measurement Using Deuterated Water: Theoretical and Procedural Considerations, 247

Hydrogenation Impairs the Hypolipidemic Effect of Corn Oil in Humans: Hydrogenation, trans Fatty Acids, and Plasma Lipids, 154

Immune-Complex-Mediated Vasculitis Increases Coronary Artery Lipid Accumulation in Autoimmune-Prone MRL Mice, 932 Lipoprotein Compositional Abnormalities and Insulin Resistance in Type II Diabetic Patients With Mild Hyperlipidemia, 1046

Lipoproteins in Familial Dysbetalipoproteinemia: Variation of Serum Cholesterol Level Associated With VLDL Concentration, 316

Nifedipine Inhibits Accumulation of LDL and Cholesterol in the Aorta of the Normocholesterolemic Rabbit, 637

Plaque Changes and Arterial Enlargement in Atherosclerotic Monkeys After Manipulation of Diet and Social Environment, 254

Plasma Fibrinogen Level Is Not Elevated in Young Adults From Families With Premature Ischemic Heart Disease, 800

Prostacyclin Agonists Reduce Early Atherosclerosis in Hyperlipidemic Hamsters: Octimibate and BMY 42393 Suppress Monocyte Chemotaxis, Macrophage Cholesteryl Ester Accumulation, Scavenger Receptor Activity, and Tumor Necrosis Factor Production, 435

Quantitative Ultrasonic Characterization of Lesion Composition and Remodeling in Atherosclerotic Rabbit Aorta, 1543 Underexpression of the Apolipoprotein E4 Isoform in an Italian

Population, 1456 Visceral Fat Loss Measured by Magnetic Resonance Imaging in Relation to Changes in Serum Lipid Levels of Obese Men and Women, 487

Cholesterol biosynthesis

Interaction of Lp(a) and of Apo(a) With Liver Cells, 1101

Cholesterol efflu

Characterization of ApoA-IV-Containing Lipoprotein Particles Isolated From Human Plasma and Interstitial Fluid, 126

Comparative Study of the Activity and Composition of HDL₃ in Russian and American Men, 1770

Cholesterol ester

Human Cholesterol Synthesis Measurement Using Deuterated Water: Theoretical and Procedural Considerations, 247

Macrophage-Conditioned Medium and β-VLDLs Enhance Cholesterol Esterification in SMCs and HSFs by LDL Receptor-Mediated and Other Pathways, 1350

Cholesterol esterification

Comparative Study of the Activity and Composition of HDL₃ in Russian and American Men, 1770

Increased Postprandial Lipemia in Apo A-I_{Milano} Carriers, 521

Cholesterol-fed rabbits

Quantitative Ultrasonic Characterization of Lesion Composition and Remodeling in Atherosclerotic Rabbit Aorta, 1543

Cholesterol feeding

Influx, Efflux, and Accumulation of LDL in Normal Arterial Areas and Atherosclerotic Lesions of White Carneau Pigeons With Naturally Occurring and Cholesterol-Aggravated Aortic Atherosclerosis, 1368

Cholesterol metabolism

Interaction of Oxidized HDLs With J774-A1 Macrophages Causes Intracellular Accumulation of Unesterified Cholesterol, 1334

Cholesteryl ester hydroperoxides

Circulating Lipid Hydroperoxide Levels in Human Hyperhomocysteinemia: Relevance to Development of Arteriosclerosis, 512

Cholesteryl ester transfer

Determination of Lipid Transfer Inhibitor Protein Activity in Human Lipoprotein-Deficient Plasma, 1843

Cholesteryl ester transfer protein

Increased Postprandial Lipemia in Apo A-I_{Milano} Carriers, 521
Increased Production Rates of LDL Are Common in Individuals
With Low Plasma Levels of HDL Cholesterol, Independent of
Plasma Triglyceride Concentrations, 842

Influence of Plasma Cholesteryl Ester Transfer Activity on the LDL and HDL Distribution Profiles in Normolipidemic Subjects, 815

Lipid Transfer Protein-Mediated Distribution of HDL-Derived Cholesteryl Esters Among Plasma Apo B-Containing Lipoprotein Subpopulations, 834 1904

Chronic rejection

Intimal Thickening and Medial Necrosis in Allograft Arteriosclerosis (Chronic Rejection) Are Independently Regulated, 1019

Chylomicron remnants

Gemfibrozil Reduces Postprandial Lipemia in Non-Insulin-Dependent Diabetes Mellitus, 286

Chylomicrons

Gemfibrozil Reduces Postprandial Lipemia in Non-Insulin-Dependent Diabetes Mellitus, 286

Hepatic Lipase Deficiency: Clinical, Biochemical, and Molecular Genetic Characteristics, 720

Impaired Chylomicron Remnant Clearance in Familial Combined Hyperlipidemia, 804

Chymase

Inhibition of Copper-Mediated Oxidation of LDL by Rat Serosal Mast Cells: A Novel Cellular Protective Mechanism Involving Proteolysis of the Substrate Under Oxidative Stress, 23

Metabolism of LDL in Mast Cells Recovering From Degranulation: Description of a Novel Intracellular Pathway Leading to Proteolytic Modification of the Lipoprotein, 276

Cigarette smoking

Excretion of Thromboxane Metabolites in Healthy Women After Cessation of Smoking, 777

Cilostazol

Cilostazol, a Novel Cyclic AMP Phosphodiesterase Inhibitor, Prevents Reocclusion After Coronary Arterial Thrombolysis With Recombinant Tissue-Type Plasminogen Activator, 563

Classification

Noninvasive Quantitative Evaluation of Atherosclerosis Using MRI and Image Analysis, 1180

Clopidogrel

Inhibitory Effect of Clopidogrel on Platelet Adhesion and Intimal Proliferation After Arterial Injury in Rabbits, 1171

oagulation

Impact of Weight Loss on Plasminogen Activator Inhibitor (PAI-1), Factor VII, and Other Hemostatic Factors in Moderately Overweight Adults, 162

Studies of Factor Xa/Phospholipid-Induced Intravascular Coagulation in Rabbits: Effects of Immunodepletion of Tissue Factor Pathway Inhibitor, 1551

Collager

Aortic Smooth Muscle Cells in a Three-Dimensional Collagen Lattice Culture: Evidence for Posttranslational Regulation of Collagen Synthesis, 1572

Basic Fibroblast Growth Factor in the Extracellular Matrix Suppresses Collagen Synthesis and Type III Procollagen mRNA Levels in Arterial Smooth Muscle Cell Cultures, 680

Human Type II Hyperlipoproteinemia Enhances Platelet-Collagen Adhesion in Flowing Nonanticoagulated Blood, 1650

Collagen inhibitor

Recombinant Leech Antiplatelet Protein Prevents Collagen-Mediated Platelet Aggregation but Not Collagen Graft Thrombosis in Baboons, 1593

Collagen lattice culture

Aortic Smooth Muscle Cells in a Three-Dimensional Collagen Lattice Culture: Evidence for Posttranslational Regulation of Collagen Synthesis, 1572

Collagen synthesis

Aortic Smooth Muscle Cells in a Three-Dimensional Collagen Lattice Culture: Evidence for Posttranslational Regulation of Collagen Synthesis, 1572

Responsiveness of Aortic Smooth Muscle Cells to Soluble Growth Mediators Is Influenced by Cell-Matrix Contact, 994

Combination therapy

Effect of Pravastatin and ω-3 Fatty Acids on Plasma Lipids and Lipoproteins in Patients With Combined Hyperlipidemia, 1755

Combined hyperlipidemia

Familial Hypoalphalipoproteinemia in Premature Coronary Artery Disease, 1728 Common carotid artery

Protection From Atherosclerosis in Vein Grafts by a Rigid External Support, 379

Compound heterozygosity

Hepatic Lipase Deficiency: Clinical, Biochemical, and Molecular Genetic Characteristics, 720

Computed tomography

Metabolic Heterogeneity Associated With High Plasma Triglyceride or Low HDL Cholesterol Levels in Men, 33

Confocal microscopy

The Endothelium During Cuff-Induced Neointima Formation in the Rabbit Carotid Artery, 1874

Congenic strains

Influence of the ApoA-II Gene Locus on HDL Levels and Fatty Streak Development in Mice, 1

Conjugated dienes

Comparison of Supplementation of $RRR-\alpha$ -Tocopherol and Racemic α -Tocopherol in Humans: Effects on Lipid Levels and Lipoprotein Susceptibility to Oxidation, 601

Effect of Dietary Antioxidant Combinations in Humans: Protection of LDL by Vitamin E but Not by β-Carotene, 590

Identification of Multiple Dense LDL Subfractions With Enhanced Susceptibility to In Vitro Oxidation Among Hypertriglyceridemic Subjects: Normalization After Clofibrate Treatment, 712

Coronary artery

Coronary Arteriosclerosis in Dogfish (Scyliorhinus canicula): An Assessment of Some Potential Risk Factors, 876

Development and Regression of Atherosclerosis in Pigs: Effects of n-3 Fatty Acids, Their Incorporation Into Plasma and Aortic Plaque Lipids, and Granulocyte Function, 651

Natural History of Aortic and Coronary Atherosclerotic Lesions in Youth: Findings From the PDAY Study, 1291

Coronary artery disease

The GTP-Binding Regulatory Proteins, G_s and G_i, Are Altered in Erythrocyte Membranes of Patients With Ischemic Heart Disease Resulting From Coronary Atherosclerosis, 1244

Coronary atherosclerosis

Childhood Consumption of Dietary Polyunsaturated Fat Lowers Risk for Coronary Artery Atherosclerosis in African Green Monkeys, 863
HDLs and Alimentary Lipemia: Studies in Men With Previous

Myocardial Infarction at a Young Age, 11

Immune-Complex-Mediated Vasculitis Increases Coronary Artery Lipid Accumulation in Autoimmune-Prone MRL Mice, 932

Coronary disease

Association of Hemostatic Variables With Prevalent Cardiovascular Disease and Asymptomatic Carotid Artery Atherosclerosis, 1829

Coronary heart disease

Disordered Methionine/Homocysteine Metabolism in Premature Vascular Disease: Its Occurrence, Cofactor Therapy, and Enzymology, 1253

Effect of Hepatic Lipase on LDL in Normal Men and Those With Coronary Artery Disease, 147

Genetics of LDL Subclass Phenotypes in Women Twins: Concordance, Heritability, and Commingling Analysis, 687

Impaired Chylomicron Remnant Clearance in Familial Combined Hyperlipidemia, 804

Increased Production Rates of LDL Are Common in Individuals
With Low Plasma Levels of HDL Cholesterol, Independent of
Plasma Triglyceride Concentrations, 842

Parental History of Early Myocardial Infarction Is Associated With Decreased Levels of Lipoparticle AI in Adolescents,

Coronary risk factors

Plasma Fibrinogen and Its Correlates in Japanese and US Population Samples, 783

Cross-cultural comparisons

Plasma Fibrinogen and Its Correlates in Japanese and US Population Samples, 783

Cyclic AMP

- Cyclic AMP Suppresses Fibronectin Expression in the Rabbit Aorta In Vitro, 1668
- Effects of Prostacyclin Analogues on Human Endothelial Cell Tissue Factor Expression, 1082

Cyclic AMP phosphodiesterase inhibitor

Cilostazol, a Novel Cyclic AMP Phosphodiesterase Inhibitor, Prevents Reocclusion After Coronary Arterial Thrombolysis With Recombinant Tissue-Type Plasminogen Activator, 563

Cyclic GMP

- Antiplatelet Properties of Protein S-Nitrosothiols Derived From Nitric Oxide and Endothelium-Derived Relaxing Factor, 791
- Effect of a Nonhypotensive Long-term Infusion of ANP on the Mechanical and Structural Properties of the Arterial Wall in Wistar-Kyoto and Spontaneously Hypertensive Rats, 640
- Effect of Elevated Glucose on Cyclic GMP and Eicosanoids Produced by Porcine Aortic Endothelium, 915

Cycloheximide

In Vitro Large-Wound Re-endothelialization: Inhibition of Centrosome Redistribution by Transient Inhibition of Transcription After Wounding Prevents Rapid Repair, 1270

Cyclosporin

Additive and Synergistic Effects of a Low-Molecular-Weight, Heparin-like Molecule and Low Doses of Cyclosporin in Preventing Arterial Graft Rejection in Rats, 112

Cynomolgus monkey

- Occlusive Arterial Thrombosis in Cynomolgus Monkeys With Varying Plasma Concentrations of Lipoprotein(a), 548
- Plaque Changes and Arterial Enlargement in Atherosclerotic Monkeys After Manipulation of Diet and Social Environment, 254
- Retinoids Stimulate ApoA-I Synthesis by Induction of Gene Transcription in Primary Hepatocyte Cultures From Cynomolgus Monkey (Macaca fascicularis), 1505

Cystathionine B-synthase

- Circulating Lipid Hydroperoxide Levels in Human Hyperhomocysteinemia: Relevance to Development of Arteriosclerosis, 512
- Disordered Methionine/Homocysteine Metabolism in Premature Vascular Disease: Its Occurrence, Cofactor Therapy, and Enzymology, 1253

Cytokeratins

Cytokeratins 8 and 18 in Smooth Muscle Cells: Detection in Human Coronary Artery, Peripheral Vascular, and Vein Graft Disease and in Transplantation-Associated Arteriosclerosis, 1631

Cytokine

- An Atherogenic Diet Rapidly Induces VCAM-1, a Cytokine-Regulatable Mononuclear Leukocyte Adhesion Molecule, in Rabbit Aortic Endothelium, 197
- Identification of Novel Heparin-Releasable Proteins, as Well as the Cytokines Midkine, and Pleiotrophin, in Human Postheparin Plasma, 1798

Cytoskeletal proteins

Cytokeratins 8 and 18 in Smooth Muscle Cells: Detection in Human Coronary Artery, Peripheral Vascular, and Vein Graft Disease and in Transplantation-Associated Arteriosclerosis, 1631

D

3D display

Noninvasive Quantitative Evaluation of Atherosclerosis Using MRI and Image Analysis, 1180

Delayed early genes

Osteopontin Overexpression Is Associated With Arterial Smooth Muscle Cell Proliferation In Vitro, 120

Dense LDL

Lipoprotein Compositional Abnormalities and Insulin Resistance in Type II Diabetic Patients With Mild Hyperlipidemia, 1046

Density-gradient ultracentrifugation

Lipoproteins in Familial Dysbetalipoproteinemia: Variation of Serum Cholesterol Level Associated With VLDL Concentration, 316

Dermatan sulfate

Dermatan Sulfate Inhibition of Fibrin-Rich Thrombus Formation in Nonhuman Primates, 1213

Desmin

Age Influences the Replicative Activity and the Differentiation Features of Cultured Rat Aortic Smooth Muscle Cell Populations and Clones, 1449

Desmopressin

Shear-Induced Platelet Aggregation Is Potentiated by Desmopressin and Inhibited by Ticlopidine, 393

Deuteriur

Human Cholesterol Synthesis Measurement Using Deuterated Water: Theoretical and Procedural Considerations, 247

Dexamethasone

Dexamethasone-Induced Suppression of Aortic Atherosclerosis in Cholesterol-Fed Rabbits: Possible Mechanisms, 892

Diahetes

- Effect of Elevated Glucose on Cyclic GMP and Eicosanoids Produced by Porcine Aortic Endothelium, 915
- Inhibition of Thromboxane Biosynthesis and Platelet Function by Indobufen in Type II Diabetes Mellitus, 1346
- Plasminogen Activator Inhibitor Activity in Diabetic and Nondiabetic Survivors of Myocardial Infarction, 415

Diet

- Effects of Canola, Corn, and Olive Oils on Fasting and Postprandial Plasma Lipoproteins in Humans as Part of a National Cholesterol Education Program Step 2 Diet, 1533
- Hydrogenation Impairs the Hypolipidemic Effect of Corn Oil in Humans: Hydrogenation, trans Fatty Acids, and Plasma Lipids, 154

Diet intervention

Favorable Long-term Effect of a Low-Fat/High-Fiber Diet on Human Blood Coagulation and Fibrinolysis, 505

Dietary fa

Plaque Changes and Arterial Enlargement in Atherosclerotic Monkeys After Manipulation of Diet and Social Environment, 254

Dietary fat saturation

Dietary Fat Saturation Modifies the Metabolism of LDL Subfractions in Guinea Pigs, 1418

Dietary fatty acids

- Dietary Monounsaturated Fatty Acids Enhance Cholesterol Efflux From Human Fibroblasts: Relation to Fluidity, Phospholipid Fatty Acid Composition, Overall Composition, and Size of HDL₃, 958
- Dietary n-3 Polyunsaturated Fatty Acids Prevent the Development of Atherosclerotic Lesions in Mice: Modulation of Macrophage Secretory Activities, 1515

Differentiatio

Effects of Purinergic Agents on Human Mononuclear Phagocytes Are Differentiation Dependent: Implications for Atherogenesis, 1317

D-Dimer

- Glutamine/Histidine Polymorphism in Apo A-IV Affects Plasma Concentrations of Lipoprotein(a) and Fibrin Split Products in Coronary Heart Disease Patients, 240
- Increased Fibrin Turnover and High PAI-1 Activity as Predictors of Ischemic Events in Atherosclerotic Patients: A Case-Control Study, 1412
- Severity of Peripheral Atherosclerosis Is Associated With Fibringen and Degradation of Cross-linked Fibrin, 1738

DNA

Deletion of Exon 15 of the LDL Receptor Gene Is Associated With a Mild Form of Familial Hypercholesterolemia: FH-Espoo, 1680

Dogfish

Coronary Arteriosclerosis in Dogfish (Scyliorhinus canicula): An Assessment of Some Potential Risk Factors, 876

Deno

Fenofibrate and LDL Metabolic Heterogeneity in Hypercholesterolemia, 702 F

Echo-tracking techniques

Arterial Alterations With Aging and High Blood Pressure: A Noninvasive Study of Carotid and Femoral Arteries, 90

Licosanoids

Effect of Elevated Glucose on Cyclic GMP and Eicosanoids Produced by Porcine Aortic Endothelium, 915

Elasmobranchs

Coronary Arteriosclerosis in Dogfish (Scyliorhinus canicula): An Assessment of Some Potential Risk Factors, 876

Elastin

ACE Inhibition With Perindopril and Atherogenesis-Induced Structural and Functional Changes in Minipig Arteries, 1125

Elderly

Isolated Systolic Hypertension and Vessel Wall Thickness of the Carotid Artery: The Rotterdam Elderly Study, 64 Lower-Extremity Arterial Disease in Older Hypertensive

Adults, 555

Endocytosis

Metabolism of LDL in Mast Cells Recovering From Degranulation: Description of a Novel Intracellular Pathway Leading to Proteolytic Modification of the Lipoprotein, 276

Endothelial cells

Cell Proliferation in Human Arteriovenous Fistulas Used for Hemodialysis, 609

Fibrinogenolytic and Fibrinolytic Activity of Cell-Associated Plasmin, 48

In Vitro Large-Wound Re-endothelialization: Inhibition of Centrosome Redistribution by Transient Inhibition of Transcription After Wounding Prevents Rapid Repair, 1270

Increased Synthesis of Plasminogen Activator Inhibitor-1 by Cultured Human Endothelial Cells Exposed to Native and Modified LDLs: An LDL Receptor-Independent Phenomenon, 338

Localization and Production of Plasminogen Activator Inhibitor-1 in Human Healthy and Atherosclerotic Arteries, 1090

Endothelial injury

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Endothelial permeability
Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and
Parenteral Evans Blue Dye Protein Complex Along the
Aortas of Normocholesterolemic Minipigs as Predictors of
Subsequent Hypercholesterolemic Atherogenesis, 1193

Endothelium

Depletion of Lipoprotein Lipase After Heparin Administration, 1391

Homocysteine, a Risk Factor for Premature Vascular Disease and Thrombosis, Induces Tissue Factor Activity in Endothelial Cells, 1327

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Physical Conditioning Can Modulate Endothelium-Dependent Vasorelaxation in Rabbits, 852

The Endothelium During Cuff-Induced Neointima Formation in the Rabbit Carotid Artery, 1874

Endothelium-derived relaxing factor

Decreased Basal Nitric Oxide Release in Hypercholesterolemia Increases Neutrophil Adherence to Rabbit Coronary Artery Endothelium, 771

Physical Conditioning Can Modulate Endothelium-Dependent Vasorelaxation in Rabbits, 852

Endurance exercise

Physical Conditioning Can Modulate Endothelium-Dependent Vasorelaxation in Rabbits, 852

α-Enolase

Cholesteryl Ester Loading of Mouse Peritoneal Macrophages Is Associated With Changes in the Expression or Modification of Specific Cellular Proteins, Including Increase in an α -Enolase Isoform, 264

Epidemiology

A Cross-sectional Study of Endogenous Tissue Plasminogen Activator, Total Cholesterol, HDL Cholesterol, and Apolipoproteins A-I, A-II, and B-100, 1587

Plasma Lipid, Lipoprotein Cholesterol, and Apoprotein Distributions in Selected US Communities: The Atherosclerosis

Risk in Communities (ARIC) Study, 1139

Prevalence and Risk Factors of Asymptomatic Extracranial Carotid Artery Atherosclerosis: A Population-Based Study, 661

Epitopes

Modulation of the Expression of Human LDL-Apo B-100 Epitopes by Lipids and Apolipoproteins, 529

Erratum

Influence of the ApoA-II Gene Locus on HDL Levels and Fatty Streak Development in Mice, 466, 1893

Erythrocytes

Human Cholesterol Synthesis Measurement Using Deuterated Water: Theoretical and Procedural Considerations, 247

Estradiol

Endogenous Sex Hormones and Ischemic Heart Disease in Men: The Caerphilly Prospective Study, 517

Relation of Hemostatic Risk Factors to Other Risk Factors for Coronary Heart Disease and to Sex Hormones in Men, 467

Estrogen

Associations of Age, Adiposity, Alcohol Intake, Menstrual Status, and Estrogen Therapy With High-Density Lipoprotein Subclasses, 1654

Oral Contraceptives Decrease Hepatic Cholesterol Independent of the LDL Receptor in Nonhuman Primates, 1645

Exercise training

Exercise Training Decreases Plasma Cholesteryl Ester Transfer Protein, 1359

Exercise treadmill test

ApoE4 Polymorphism Increases the Risk for Exercise-Induced Silent Myocardial Ischemia in Older Men, 1495

Exocvtosi

Inhibition of Copper-Mediated Oxidation of LDL by Rat Serosal Mast Cells: A Novel Cellular Protective Mechanism Involving Proteolysis of the Substrate Under Oxidative Stress, 23

Metabolism of LDL in Mast Cells Recovering From Degranulation: Description of a Novel Intracellular Pathway Leading to Proteolytic Modification of the Lipoprotein, 276

Experimental neointima formation

The Endothelium During Cuff-Induced Neointima Formation in the Rabbit Carotid Artery, 1874

Extracellular matrix

Basic Fibroblast Growth Factor in the Extracellular Matrix Suppresses Collagen Synthesis and Type III Procollagen mRNA Levels in Arterial Smooth Muscle Cell Cultures, 680

Localization of von Willebrand Factor Binding Domains to Endothelial Extracellular Matrix and to Type VI Collagen, 398

Responsiveness of Aortic Smooth Muscle Cells to Soluble Growth Mediators Is Influenced by Cell-Matrix Contact, 994 The Endothelium During Cuff-Induced Neointima Formation in the Rabbit Carotid Artery, 1874

Extravascular complexes

Regulation of Factor VIIa/Tissue Factor Functional Activity in an Umbilical Vein Model, 105

F

Factor VII

Favorable Long-term Effect of a Low-Fat/High-Fiber Diet on Human Blood Coagulation and Fibrinolysis, 505

Plasma Fibrinogen Level Is Not Elevated in Young Adults From Families With Premature Ischemic Heart Disease, 800

Relation of Hemostatic Risk Factors to Other Risk Factors for Coronary Heart Disease and to Sex Hormones in Men, 467

Factor VIIa

Regulation of Factor VIIa/Tissue Factor Functional Activity in an Umbilical Vein Model, 105

Factor VIII

Associations of Fish Intake and Dietary n-3 Polyunsaturated Fatty Acids With a Hypocoagulable Profile: The Atherosclerosis Risk in Communities (ARIC) Study, 1205

Involvement of the Hemostatic System in the Insulin Resistance Syndrome: A Study of 1500 Patients With Angina Pectoris, 1865

Factor Xa

Studies of Factor Xa/Phospholipid-Induced Intravascular Coagulation in Rabbits: Effects of Immunodepletion of Tissue Factor Pathway Inhibitor, 1551

Factor XIII

Platelet-Associated Factor XIII as a Marker of Platelet Activation in Patients With Peripheral Vascular Disease, 857

Familial combined hyperlipidemia

Plasma Triglyceride and LDL Heterogeneity in Familial Combined Hyperlipidemia, 427

Stable Isotopes Show a Direct Relation Between VLDL ApoB Overproduction and Serum Triglyceride Levels and Indicate a Metabolically and Biochemically Coherent Basis for Familial Combined Hyperlipidemia, 1110

Familial defective apo B-100

Characterization of Six Patients Who Are Double Heterozygotes for Familial Hypercholesterolemia and Familial Defective Apo B-100, 1076

Variable Expression of the Mutation in Familial Defective Apolipoprotein B-100, 973

Familial dysbetalipoproteinemia

Lipoproteins in Familial Dysbetalipoproteinemia: Variation of Serum Cholesterol Level Associated With VLDL Concentration, 316

Familial hypercholesterolemia

Atherosclerotic Changes in the Femoral and Carotid Arteries in Familial Hypercholesterolemia: Ultrasonographic Assessment of Intima-Media Thickness and Plaque Occurrence, 1404

Binding of ¹¹¹In-Labeled LDL to Platelets of Normolipemic Volunteers and Patients With Heterozygous Familial Hypercholesterolemia, 536

Characterization of Six Patients Who Are Double Heterozygotes for Familial Hypercholesterolemia and Familial Defective Apo B-100, 1076

Deletion of Exon 15 of the LDL Receptor Gene Is Associated With a Mild Form of Familial Hypercholesterolemia: FH-Espoo, 1680

Fluorescence Flow Cytometry of Human Leukocytes in the Detection of LDL Receptor Defects in the Differential Diagnosis of Hypercholesterolemia, 1053

Identification of Recurrent and Novel Mutations in Exon 4 of the LDL Receptor Gene in Patients With Familial Hypercholesterolemia in the United Kingdom, 56

Inhibition of Exercise-Induced Shortening of Bleeding Time by Fish Oil in Familial Hypercholesterolemia (Type IIa), 98

Macrophage-Conditioned Medium and β-VLDLs Enhance Cholesterol Esterification in SMCs and HSFs by LDL Receptor-Mediated and Other Pathways, 1350

Phenotypic Variation Among Familial Hypercholesterolemics Heterozygous for Either One of Two Afrikaner Founder LDL Receptor Mutations, 1460

Familial hypertriglyceridemia

The Low HDL Cholesterol/High Triglyceride Trait, 495

Family history

Parental History of Early Myocardial Infarction Is Associated With Decreased Levels of Lipoparticle AI in Adolescents, 1640

Fat distribution

Visceral Fat Loss Measured by Magnetic Resonance Imaging in Relation to Changes in Serum Lipid Levels of Obese Men and Women, 487

Fatty acids

Effects of Canola, Corn, and Olive Oils on Fasting and Postprandial Plasma Lipoproteins in Humans as Part of a National Cholesterol Education Program Step 2 Diet, 1533 Identification of Multiple Dense LDL Subfractions With Enhanced Susceptibility to In Vitro Oxidation Among Hypertriglyceridemic Subjects: Normalization After Clofibrate Treatment, 712

n-3 Fatty acids

Inhibition of Exercise-Induced Shortening of Bleeding Time by Fish Oil in Familial Hypercholesterolemia (Type IIa), 98

The Effects of Olive Oil, Hydrogenated Palm Oil, and ω-3 Fatty Acid-Enriched Diets on Megakaryocytes and Platelets, 84

trans Fatty acids

Hydrogenation Impairs the Hypolipidemic Effect of Corn Oil in Humans: Hydrogenation, trans Fatty Acids, and Plasma Lipids, 154

Fatty acids, nonesterified

Relation of Plasma Triglyceride and ApoB Levels to Insulin-Mediated Suppression of Nonesterified Fatty Acids: Possible Explanation for Sex Differences in Lipoprotein Pattern, 1187

Fatty streaks

Influence of the ApoA-II Gene Locus on HDL Levels and Fatty Streak Development in Mice, 1

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Female-male

Natural History of Aortic and Coronary Atherosclerotic Lesions in Youth: Findings From the PDAY Study, 1291

Female

Benzo(a) pyrene Enhances Atherosclerosis in White Carneau and Show Racer Pigeons, 1721

Fibrate

Gemfibrozil Reduces Postprandial Lipemia in Non-Insulin-Dependent Diabetes Mellitus, 286

Fibrin

Fibrinogenolytic and Fibrinolytic Activity of Cell-Associated Plasmin, 48

Fibrinoge

Association of Hemostatic Variables With Prevalent Cardiovascular Disease and Asymptomatic Carotid Artery Atherosclerosis, 1829

Associations of Fish Intake and Dietary n-3 Polyunsaturated Fatty Acids With a Hypocoagulable Profile: The Atherosclerosis Risk in Communities (ARIC) Study, 1205

Favorable Long-term Effect of a Low-Fat/High-Fiber Diet on Human Blood Coagulation and Fibrinolysis, 505

Fibrinogenolytic and Fibrinolytic Activity of Cell-Associated Plasmin, 48

Genetic Variation at the β-Fibrinogen Locus in Relation to Plasma Fibrinogen Concentrations and Risk of Myocardial Infarction: The ECTIM Study, 886

Involvement of the Hemostatic System in the Insulin Resistance Syndrome: A Study of 1500 Patients With Angina Pectoris, 1865

Plasma Fibrinogen Level Is Not Elevated in Young Adults From Families With Premature Ischemic Heart Disease, 800

Relation of Hemostatic Risk Factors to Other Risk Factors for Coronary Heart Disease and to Sex Hormones in Men, 467 Severity of Peripheral Atherosclerosis Is Associated With Fibrinogen and Degradation of Cross-linked Fibrin, 1738

Fibrinogen receptor antagonist

Recombinant Leech Antiplatelet Protein Prevents Collagen-Mediated Platelet Aggregation but Not Collagen Graft Thrombosis in Baboons, 1593

Fibrinolysis

Augmentation of Synthesis of Plasminogen Activator Inhibitor
Type-1 in Arterial Endothelial Cells by Glucose and Its
Implications for Local Fibrinolysis, 1822

Glutamine/Histidine Polymorphism in Apo A-IV Affects Plasma Concentrations of Lipoprotein(a) and Fibrin Split Products in Coronary Heart Disease Patients, 240

Impact of Weight Loss on Plasminogen Activator Inhibitor (PAI-1), Factor VII, and Other Hemostatic Factors in Moderately Overweight Adults, 162 Plasminogen Activator Inhibitor-1 mRNA Is Expressed in Platelets and Megakaryocytes and the Megakaryoblastic Cell Line CHRF-288, 669

Fibrinolytic variables

Increased Fibrin Turnover and High PAI-1 Activity as Predictors of Ischemic Events in Atherosclerotic Patients: A Case-Control Study, 1412

Fibrinopeptide A

Severity of Peripheral Atherosclerosis Is Associated With Fibrinogen and Degradation of Cross-linked Fibrin, 1738

Fibroblasts

Comparative Study of the Activity and Composition of HDL₃ in Russian and American Men, 1770

Fibronectin

Cyclic AMP Suppresses Fibronectin Expression in the Rabbit Aorta In Vitro, 1668

Lysophosphatidic Acid Enhances Fibronectin Binding to Adherent Cells, 1662

Finland

Deletion of Exon 15 of the LDL Receptor Gene Is Associated With a Mild Form of Familial Hypercholesterolemia: FH-Espoo, 1680

Fish intake

Plasma Fibrinogen and Its Correlates in Japanese and US Population Samples, 783

Fish oil

Development and Regression of Atherosclerosis in Pigs: Effects of n-3 Fatty Acids, Their Incorporation Into Plasma and Aortic Plaque Lipids, and Granulocyte Function, 651

Effect of Pravastatin and ω-3 Fatty Acids on Plasma Lipids and Lipoproteins in Patients With Combined Hyperlipidemia, 1755

Influence of Probucol on Enhanced LDL Oxidation After Fish Oil Treatment of Hypertriglyceridemic Patients, 1790

Inhibition of Exercise-Induced Shortening of Bleeding Time by Fish Oil in Familial Hypercholesterolemia (Type IIa), 98

Flow separation

Evidence That Turbulence Is Not the Cause of Poststenotic Dilatation in Rabbit Carotid Arteries, 977

low streamlines

Effects of Local Geometry and Fluid Dynamics on Regional Platelet Deposition on Artificial Surfaces, 1806

Fluid dynamics

Effects of Local Geometry and Fluid Dynamics on Regional Platelet Deposition on Artificial Surfaces, 1806

Fluorescence flow cytometry

Fluorescence Flow Cytometry of Human Leukocytes in the Detection of LDL Receptor Defects in the Differential Diagnosis of Hypercholesterolemia, 1053

Fluoxetine

Potentiation of the Vasospastic Response to Angioplasty by Pretreatment With Fluoxetine: A Study in the Atherosclerotic Rabbit, 907

Foam cells

Cholesteryl Ester Loading of Mouse Peritoneal Macrophages Is Associated With Changes in the Expression or Modification of Specific Cellular Proteins, Including Increase in an α -Enolase Isoform, 264

Effects of Lovastatin on the Levels, Structure, and Atherogenicity of VLDL in Patients With Moderate Hypertriglyceri-

demia, 472

In Situ Immunolocalization of Lipoproteins in Human Arteriosclerotic Tissue, 133

LDL Inhibits the Mediation of Cholesterol Efflux From Macrophage Foam Cells by ApoA-I-Containing Lipoproteins: A Putative Mechanism for Foam Cell Formation, 1307

Oxidized Low Density Lipoproteins Bind to the Scavenger Receptor Expressed by Rabbit Smooth Muscle Cells and Macrophages, 371

β-VLDL in Hepatic Lipase Deficiency Induces ApoE-Mediated Cholesterol Ester Accumulation in Macrophages, 1282

Follistatin

Expression of Follistatin, an Activin-Binding Protein, in Vascular Smooth Muscle Cells and Arteriosclerotic Lesions, 1859

Fractional catabolic rate

Dietary Fat Saturation Modifies the Metabolism of LDL Subfractions in Guinea Pigs, 1418 Fenofibrate and LDL Metabolic Heterogeneity in Hypercholes-

terolemia, 702

Free cholesterol efflux

Dietary Monounsaturated Fatty Acids Enhance Cholesterol Efflux From Human Fibroblasts: Relation to Fluidity, Phospholipid Fatty Acid Composition, Overall Composition, and Size of HDL₃, 958

G

Gel filtration

Characterization of ApoA-IV-Containing Lipoprotein Particles Isolated From Human Plasma and Interstitial Fluid, 126

emfihrozi

Gemfibrozil Reduces Postprandial Lipemia in Non-Insulin-Dependent Diabetes Mellitus, 286

Gender

Childhood Consumption of Dietary Polyunsaturated Fat Lowers Risk for Coronary Artery Atherosclerosis in African Green Monkeys, 863

LDL Size and Subclass Pattern in a Biethnic Population, 1623 Plasma Lipoprotein and Apolipoprotein Levels in Taipei and Framingham, 1429

Gene expression

Comparison of Gene Expression in Bovine Aortic Endothelium In Vivo Versus In Vitro: Differences in Growth Regulatory Molecules, 985

Gene mutations

Hepatic Lipase Deficiency: Clinical, Biochemical, and Molecular Genetic Characteristics, 720

Gene targeting

Lack of Apo A-I Is Not Associated With Increased Susceptibility to Atherosclerosis in Mice, 1814

Genetics

Familial Hypoalphalipoproteinemia in Premature Coronary Artery Disease, 1728

Genetic Variation at the β-Fibrinogen Locus in Relation to Plasma Fibrinogen Concentrations and Risk of Myocardial Infarction: The ECTIM Study, 886

Genetics of LDL Subclass Phenotypes in Women Twins: Concordance, Heritability, and Commingling Analysis, 687

Glioma cells

Fibrinogenolytic and Fibrinolytic Activity of Cell-Associated Plasmin, 48

Glucos

Effect of Elevated Glucose on Cyclic GMP and Eicosanoids Produced by Porcine Aortic Endothelium, 915

LDL Size and Subclass Pattern in a Biethnic Population, 1623 Relation of Plasma Triglyceride and ApoB Levels to Insulin-Mediated Suppression of Nonesterified Fatty Acids: Possible Explanation for Sex Differences in Lipoprotein Pattern, 1187

Glucose intolerance

Insulin Resistance, Glucose Intolerance, and Hyperinsulinemia: Hypertriglyceridemia Versus Hypercholesterolemia, 367

Glucose tolerance

Exercise Training Decreases Plasma Cholesteryl Ester Transfer Protein, 1359

Glycoprotein Ib-IX

Organization of von Willebrand Factor on Surface-Activated Platelets, 1852

Głycoprotein IIb/IIIa

Aggregate Formation Is More Strongly Inhibited at High Shear Rates by dRGDW, a Synthetic RGD-Containing Peptide, 1164

Functional Significance of Mobile Receptors on Human Platelets, 1236

Glycoprotein IIb/IIIa receptor

Intravenous and Endobronchial Administration of G4120, a Cyclic Arg-Gly-Asp-Containing Platelet GPIIb/IIIa Receptor-Blocking Pentapeptide, Enhances and Sustains Coronary Arterial Thrombolysis With rt-PA in a Canine Preparation, 738

Glycoproteins

Phospholipase C Activity in Platelets From Bernard-Soulier Syndrome Patients, 1567

Glycosaminoglycans

Platelet-Derived Growth Factor and Transforming Growth Factor-β₁ Differentially Affect the Synthesis of Biglycan and Decorin by Monkey Arterial Smooth Muscle Cells, 1026

Gradient gel electrophoresis

Associations of Age, Adiposity, Alcohol Intake, Menstrual Status, and Estrogen Therapy With High-Density Lipoprotein Subclasses, 1654

Graft rejection

Additive and Synergistic Effects of a Low-Molecular-Weight, Heparin-like Molecule and Low Doses of Cyclosporin in Preventing Arterial Graft Rejection in Rats, 112

Granules

Inhibition of Copper-Mediated Oxidation of LDL by Rat Serosal Mast Cells: A Novel Cellular Protective Mechanism Involving Proteolysis of the Substrate Under Oxidative Stress, 23

Metabolism of LDL in Mast Cells Recovering From Degranulation: Description of a Novel Intracellular Pathway Leading to Proteolytic Modification of the Lipoprotein, 276

Granulocyte function

Development and Regression of Atherosclerosis in Pigs: Effects of n-3 Fatty Acids, Their Incorporation Into Plasma and Aortic Plaque Lipids, and Granulocyte Function, 651

Growth control

A New Anti-inflammatory Leucine Derivative, NPC-15669, Inhibits Growth of Cultured Human Aortic Smooth Muscle Cells, 360

Growth factors

Responsiveness of Aortic Smooth Muscle Cells to Soluble Growth Mediators Is Influenced by Cell-Matrix Contact, 994 Smooth Muscle Cell Immediate-Early Gene and Growth Factor Activation Follows Vascular Injury: A Putative In Vivo Mech-

anism for Autocrine Growth, 211 Growth hormone

Growth Hormone Treatment of Growth Hormone-Deficient Adults Results in a Marked Increase in Lp(a) and HDL Cholesterol Concentrations, 296

Growth-regulatory peptides

Platelet-Derived Growth Factor and Transforming Growth Factor-β₁ Differentially Affect the Synthesis of Biglycan and Decorin by Monkey Arterial Smooth Muscle Cells, 1026

Growth substances

Identification of Novel Heparin-Releasable Proteins, as Well as the Cytokines Midkine, and Pleiotrophin, in Human Postheparin Plasma, 1798

GTP-binding proteins

The GTP-Binding Regulatory Proteins, G, and Gi, Are Altered in Erythrocyte Membranes of Patients With Ischemic Heart Disease Resulting From Coronary Atherosclerosis, 1244

Guinea pigs

Dietary Fat Saturation Modifies the Metabolism of LDL Subfractions in Guinea Pigs, 1418

ŀ

Hamsters

Prostacyclin Agonists Reduce Early Atherosclerosis in Hyperlipidemic Hamsters: Octimibate and BMY 42393 Suppress Monocyte Chemotaxis, Macrophage Cholesteryl Ester Accumulation, Scavenger Receptor Activity, and Tumor Necrosis Factor Production, 435

HDL

Activities of Lipoprotein Lipase and Hepatic Triglyceride Lipase in Postheparin Plasma of Patients with Low Concentrations of HDL Cholesterol, 1227

ApoA-IV Is Secreted on Discrete HDL Particles by the Rat Hepatoma Cell Line McA-RH7777 Transfected With ApoA-IV cDNA, 1476

Associations of Age, Adiposity, Alcohol Intake, Menstrual Status, and Estrogen Therapy With High-Density Lipoprotein Subclasses, 1654

- Cell-Derived Unesterified Cholesterol Cycles Between Different HDLs and LDL for Its Effective Esterification in Plasma, 445
- Circulating Lipid Hydroperoxide Levels in Human Hyperhomocysteinemia: Relevance to Development of Arteriosclerosis, 512
- Comparative Study of the Activity and Composition of HDL₃ in Russian and American Men, 1770
- Comparison of Supplementation of RRR-α-Tocopherol and Racemic α-Tocopherol in Humans: Effects on Lipid Levels and Lipoprotein Susceptibility to Oxidation, 601
- Effect of Dietary Antioxidant Combinations in Humans: Protection of LDL by Vitamin E but Not by β -Carotene, 590
- Increased Postprandial Lipemia in Apo A I_{Milano} Carriers, 521 Increased Production Rates of LDL Are Common in Individuals With Low Plasma Levels of HDL Cholesterol, Independent of Plasma Triglyceride Concentrations, 842
- Influence of Plasma Cholesteryl Ester Transfer Activity on the LDL and HDL Distribution Profiles in Normolipidemic Subjects, 815
- Interaction of Oxidized HDLs With J774-A1 Macrophages Causes Intracellular Accumulation of Unesterified Cholesterol, 1334
- LDL Inhibits the Mediation of Cholesterol Efflux From Macrophage Foam Cells by ApoA-I-Containing Lipoproteins: A Putative Mechanism for Foam Cell Formation, 1307
- Lipid Transfer Protein-Mediated Distribution of HDL-Derived Cholesteryl Esters Among Plasma Apo B-Containing Lipoprotein Subpopulations, 834
- Lipoprotein Profile Characterization of the KKA' Mouse, a Rodent Model of Type II Diabetes, Before and After Treatment With the Insulin-Sensitizing Agent Pioplitazone. 302
- ment With the Insulin-Sensitizing Agent Pioglitazone, 302 Metabolic Heterogeneity Associated With High Plasma Triglyceride or Low HDL Cholesterol Levels in Men, 33

HDL bindin

Comparative Study of the Activity and Composition of HDL₃ in Russian and American Men, 1770

HDL cholesterol

- A Cross-sectional Study of Endogenous Tissue Plasminogen Activator, Total Cholesterol, HDL Cholesterol, and Apolipoproteins A-I, A-II, and B-100, 1587
- Effects of Canola, Corn, and Olive Oils on Fasting and Postprandial Plasma Lipoproteins in Humans as Part of a National Cholesterol Education Program Step 2 Diet, 1533
- Familial Hypoalphalipoproteinemia in Premature Coronary Artery Disease, 1728
- Hydrogenation Impairs the Hypolipidemic Effect of Corn Oil in Humans: Hydrogenation, trans Fatty Acids, and Plasma Lipids 154
- Plasma Lipoprotein and Apolipoprotein Levels in Taipei and Framingham, 1429

HDL deficiency

Lack of Apo A-I Is Not Associated With Increased Susceptibility to Atherosclerosis in Mice, 1814

HDL particle size subclasses

Serum Lipoproteins and Hemostatic Function in Intermittent Claudication, 1441

HDL subclasses

HDLs and Alimentary Lipemia: Studies in Men With Previous Myocardial Infarction at a Young Age, 11

HDL₃ composition

Dietary Monounsaturated Fatty Acids Enhance Cholesterol Efflux From Human Fibroblasts: Relation to Fluidity, Phospholipid Fatty Acid Composition, Overall Composition, and Size of HDL₂, 958

HDL₃ fluidity

Dietary Monounsaturated Fatty Acids Enhance Cholesterol Efflux From Human Fibroblasts: Relation to Fluidity, Phospholipid Fatty Acid Composition, Overall Composition, and Size of HDL, 958

HDL₃ size

Dietary Monounsaturated Fatty Acids Enhance Cholesterol Efflux From Human Fibroblasts: Relation to Fluidity, Phos1910

pholipid Fatty Acid Composition, Overall Composition, and Size of HDL₃, 958

Heat inactivation

Determination of Lipid Transfer Inhibitor Protein Activity in Human Lipoprotein-Deficient Plasma, 1843

Heat-shock proteins

Staining of Endothelial Cells and Macrophages in Atherosclerotic Lesions With Human Heat-Shock Protein-Reactive Antisera, 1763

Heme

Vitamin E, LDL, and Endothelium: Brief Oral Vitamin Supplementation Prevents Oxidized LDL-Mediated Vascular Injury In Vitro. 1779

Hemodynamics

ACE Inhibition With Perindopril and Atherogenesis-Induced Structural and Functional Changes in Minipig Arteries, 1125 Relation of Vessel Wall Shear Stress to Atherosclerosis Progression in Human Coronary Arteries, 310

Hemostasis

Glutamine/Histidine Polymorphism in Apo A-IV Affects Plasma Concentrations of Lipoprotein(a) and Fibrin Split Products in Coronary Heart Disease Patients, 240

Impact of Weight Loss on Plasminogen Activator Inhibitor (PAI-1), Factor VII, and Other Hemostatic Factors in Moderately Overweight Adults, 162

Serum Lipoproteins and Hemostatic Function in Intermittent Claudication, 1441

Hemostatic system

Involvement of the Hemostatic System in the Insulin Resistance Syndrome: A Study of 1500 Patients With Angina Pectoris, 1865

Hep G2 cells

Influence of Triacylglycerol Biosynthesis Rate on the Assembly of ApoB-100-Containing Lipoproteins in Hep G2 Cells, 1743

Heparan sulfate

Isolation of Heparin-Insensitive Aortic Smooth Muscle Cells: Growth and Differentiation, 748

Heparin

Additive and Synergistic Effects of a Low-Molecular-Weight, Heparin-like Molecule and Low Doses of Cyclosporin in Preventing Arterial Graft Rejection in Rats, 112

Identification of Novel Heparin-Releasable Proteins, as Well as the Cytokines Midkine, and Pleiotrophin, in Human Postheparin Plasma, 1798

Inhibition of Smooth Muscle Cell Proliferation and Experimental Angioplasty Restenosis by β-Cyclodextrin Tetradecasulate, 924

Isolation of Heparin-Insensitive Aortic Smooth Muscle Cells: Growth and Differentiation, 748

Henarin clearance

Depletion of Lipoprotein Lipase After Heparin Administration, 1391

Heparin cofactor II

Dermatan Sulfate Inhibition of Fibrin-Rich Thrombus Formation in Nonhuman Primates, 1213

Hepatic cholesterol

Oral Contraceptives Decrease Hepatic Cholesterol Independent of the LDL Receptor in Nonhuman Primates, 1645

Hepatic cholesteryl ester

Oral Contraceptives Decrease Hepatic Cholesterol Independent of the LDL Receptor in Nonhuman Primates, 1645

Hepatic lipase

Depletion of Lipoprotein Lipase After Heparin Administration, 1391

Effect of Hepatic Lipase on LDL in Normal Men and Those With Coronary Artery Disease, 147

Impaired Chylomicron Remnant Clearance in Familial Combined Hyperlipidemia, 804

Hepatic lipase deficiency

β-VLDL in Hepatic Lipase Deficiency Induces ApoE-Mediated Cholesterol Ester Accumulation in Macrophages, 1282 Hepatic triglyceride lipase

Activities of Lipoprotein Lipase and Hepatic Triglyceride Lipase in Postheparin Plasma of Patients with Low Concentrations of HDL Cholesterol, 1227

Hepatocytes

Retinoids Stimulate ApoA-I Synthesis by Induction of Gene Transcription in Primary Hepatocyte Cultures From Cynomolgus Monkey (Macaca fascicularis), 1505

Substrate Delivery as a Determinant of Hepatic ApoB Secretion, 629

HepG2 cells

Interaction of Lp(a) and of Apo(a) With Liver Cells, 1101

Heritability

Genetics of LDL Subclass Phenotypes in Women Twins: Concordance, Heritability, and Commingling Analysis, 687

Heterogeneity

Phenotypic Variation Among Familial Hypercholesterolemics Heterozygous for Either One of Two Afrikaner Founder LDL Receptor Mutations, 1460

Histomorphometry

Effect of a Nonhypotensive Long-term Infusion of ANP on the Mechanical and Structural Properties of the Arterial Wall in Wistar-Kyoto and Spontaneously Hypertensive Rats, 640

HMG CoA reductase inhibitors

HMG CoA Reductase Inhibitors: In Vivo Effects on Carotid Intimal Thickening in Normocholesterolemic Rabbits, 571

Uomoaustoine

Homocysteine, a Risk Factor for Premature Vascular Disease and Thrombosis, Induces Tissue Factor Activity in Endothelial Cells, 1327

Human erythrocyte membranes

The GTP-Binding Regulatory Proteins, G, and Gi, Are Altered in Erythrocyte Membranes of Patients With Ischemic Heart Disease Resulting From Coronary Atherosclerosis, 1244

Human HDL₃ phospholipid fatty acid composition

Dietary Monounsaturated Fatty Acids Enhance Cholesterol Efflux From Human Fibroblasts: Relation to Fluidity, Phospholipid Fatty Acid Composition, Overall Composition, and Size of HDL₃, 958

Human juvenile atherosclerosis

Distribution of Lipid and Raised Lesions in Aortas of Young People of Different Geographic Origins (WHO-ISFC PBDAY Study), 1700

Human plasma

Determination of Lipid Transfer Inhibitor Protein Activity in Human Lipoprotein-Deficient Plasma, 1843

Human skin fibroblasts

Macrophage-Conditioned Medium and β-VLDLs Enhance Cholesterol Esterification in SMCs and HSFs by LDL Receptor-Mediated and Other Pathways, 1350

Human

Human Cholesterol Synthesis Measurement Using Deuterated Water: Theoretical and Procedural Considerations, 247

3-Hydroxy-3-methylglutaryl-coenzyme A reductase

Effect of 3-Thiadicarboxylic Acid on Lipid Metabolism in Experimental Nephrosis, 1580

Hydroxymethylglutaryl coenzyme A reductase inhibitor

Effects of Simvastatin on ApoB Metabolism and LDL Subfraction Distribution, 170

Hydroxymethylglutaryl coenzyme A reductase inhibitor

Inhibition of Exercise-Induced Shortening of Bleeding Time by Fish Oil in Familial Hypercholesterolemia (Type IIa), 98

4-Hydroxynonenal

Immunostaining of Human Autopsy Aortas With Antibodies to Modified Apolipoprotein B and Apoprotein(a), 1689

Hypercholesterolemia

Effect of Vitamin E on Vascular Integrity in Cholesterol-Fed Guinea Pigs, 1885

Functionally Abnormal Monocytes in Hypercholesterolemia, 944

Insulin Resistance in Familial and Nonfamilial Hypercholesterolemia, 41

Insulin Resistance, Glucose Intolerance, and Hyperinsulinemia: Hypertriglyceridemia Versus Hypercholesterolemia, 367 Hyperglycemia

Augmentation of Synthesis of Plasminogen Activator Inhibitor Type-1 in Arterial Endothelial Cells by Glucose and Its Implications for Local Fibrinolysis, 1822

Hyperinsulinemia

Insulin Resistance, Glucose Intolerance, and Hyperinsulinemia: Hypertriglyceridemia Versus Hypercholesterolemia, 367 Metabolic Heterogeneity Associated With High Plasma Triglyc-

eride or Low HDL Cholesterol Levels in Men, 33

Hyperlipidemia

Effect of Pravastatin and ω-3 Fatty Acids on Plasma Lipids and Lipoproteins in Patients With Combined Hyperlipidemia, 1755

Hyperlipoproteinemia

Human Type II Hyperlipoproteinemia Enhances Platelet-Collagen Adhesion in Flowing Nonanticoagulated Blood, 1650

Hypertension

Arterial Alterations With Aging and High Blood Pressure: A Noninvasive Study of Carotid and Femoral Arteries, 90

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Microalbuminuria Is a Marker of Left Ventricular Hypertrophy but Not Hyperinsulinemia in Nondiabetic Atherosclerotic Patients, 900

Hypertriglyceridemia

Activities of Lipoprotein Lipase and Hepatic Triglyceride Lipase in Postheparin Plasma of Patients with Low Concentrations of HDL Cholesterol, 1227

Effects of Lovastatin on the Levels, Structure, and Atherogenicity of VLDL in Patients With Moderate Hypertriglyceridemia, 472

Influence of Probucol on Enhanced LDL Oxidation After Fish Oil Treatment of Hypertriglyceridemic Patients, 1790

Insulin Resistance, Glucose Intolerance, and Hyperinsulinemia: Hypertriglyceridemia Versus Hypercholesterolemia, 367

Hypoalphalipoproteinemia

Activities of Lipoprotein Lipase and Hepatic Triglyceride Lipase in Postheparin Plasma of Patients with Low Concentrations of HDL Cholesterol, 1227

Familial HDL Deficiency Due to Marked Hypercatabolism of Normal ApoA-I, 1299

The Low HDL Cholesterol/High Triglyceride Trait, 495

Two Patterns of LDL Metabolism in Normotriglyceridemic Patients With Hypoalphalipoproteinemia, 579

Hypolipidemia

Hypolipidemic Activity of HOE-402 Is Mediated by Stimulation of the LDL Receptor Pathway, 1005

Hypolipidemic drugs

Effect of 3-Thiadicarboxylic Acid on Lipid Metabolism in Experimental Nephrosis, 1580

Hypopituitarism

Growth Hormone Treatment of Growth Hormone-Deficient Adults Results in a Marked Increase in Lp(a) and HDL Cholesterol Concentrations, 296

Hypoxia

Arterial Intimal Hyperplasia After Occlusion of the Adventitial Vasa Vasorum in the Pig, 70

1

IDL

Effect of Pravastatin and ω-3 Fatty Acids on Plasma Lipids and Lipoproteins in Patients With Combined Hyperlipidemia, 1755

Lipoproteins in Familial Dysbetalipoproteinemia: Variation of Serum Cholesterol Level Associated With VLDL Concentration, 316

Iloprost

Effects of Prostacyclin Analogues on Human Endothelial Cell Tissue Factor Expression, 1082 Image processing

Distribution of Lipid and Raised Lesions in Aortas of Young People of Different Geographic Origins (WHO-ISFC PBDAY Study), 1700

Immediate-early gene

Smooth Muscle Cell Immediate-Early Gene and Growth Factor Activation Follows Vascular Injury: A Putative In Vivo Mechanism for Autocrine Growth, 211

Immunoaffinity chromatography

Characterization of ApoA-IV-Containing Lipoprotein Particles Isolated From Human Plasma and Interstitial Fluid, 126

Immunoblotting

Anticoagulant Activity of Tissue Factor Pathway Inhibitor in Human Plasma Is Preferentially Associated With Dense Subspecies of LDL and HDL and With Lp(a), 1066

Immunocytochemistry

Abundant Expression of Apoprotein E by Macrophages in Human and Rabbit Atherosclerotic Lesions, 1382

Detection of Chlamydia pneumoniae in Aortic Lesions of Atherosclerosis by Immunocytochemical Stain, 1501

In Situ Immunolocalization of Lipoproteins in Human Arteriosclerotic Tissue, 133

Immunohistochemistry

An Atherogenic Diet Rapidly Induces VCAM-1, a Cytokine-Regulatable Mononuclear Leukocyte Adhesion Molecule, in Rabbit Aortic Endothelium, 197

Immune-Complex-Mediated Vasculitis Increases Coronary Artery Lipid Accumulation in Autoimmune-Prone MRL Mice, 932

Immunostaining of Human Autopsy Aortas With Antibodies to Modified Apolipoprotein B and Apoprotein(a), 1689

Immunolocalization of lipoproteins

In Situ Immunolocalization of Lipoproteins in Human Arteriosclerotic Tissue, 133

111In-LDL

Binding of ¹¹¹In-Labeled LDL to Platelets of Normolipemic Volunteers and Patients With Heterozygous Familial Hypercholesterolemia, 536

111In platelet labeling

Effects of Local Geometry and Fluid Dynamics on Regional Platelet Deposition on Artificial Surfaces, 1806

In situ hybridization

Abundant Expression of Apoprotein E by Macrophages in Human and Rabbit Atherosclerotic Lesions, 1382

In vitro

A New Anti-inflammatory Leucine Derivative, NPC-15669, Inhibits Growth of Cultured Human Aortic Smooth Muscle Cells, 360

In vitro translation

Aortic Smooth Muscle Cells in a Three-Dimensional Collagen Lattice Culture: Evidence for Posttranslational Regulation of Collagen Synthesis, 1572

In vivo

Depletion of Lipoprotein Lipase After Heparin Administration, 1391

In vivo platelet activation

Inhibition of Thromboxane Biosynthesis and Platelet Function by Indobufen in Type II Diabetes Mellitus, 1346

Inbred mice

Lack of Apo A-I Is Not Associated With Increased Susceptibility to Atherosclerosis in Mice, 1814

Indobufen

Inhibition of Thromboxane Biosynthesis and Platelet Function by Indobufen in Type II Diabetes Mellitus, 1346

Injury

Inhibitory Effect of Clopidogrel on Platelet Adhesion and Intimal Proliferation After Arterial Injury in Rabbits, 1171

Inositol phosphate isomers

Concerted Effects of Lipoproteins and Angiotensin II on Signal Transduction Processes in Vascular Smooth Muscle Cells, 1261

Inositol phosphates

Recombinant Human Thrombomodulin Attenuates Human Endothelial Cell Activation by Human Thrombin, 1119

1912 Insulin

Exercise Training Decreases Plasma Cholesteryl Ester Transfer Protein, 1359

Insulin Resistance in Familial and Nonfamilial Hypercholesterolemia, 41

Involvement of the Hemostatic System in the Insulin Resistance Syndrome: A Study of 1500 Patients With Angina Pectoris, 1865

LDL Size and Subclass Pattern in a Biethnic Population, 1623 Microalbuminuria Is a Marker of Left Ventricular Hypertrophy but Not Hyperinsulinemia in Nondiabetic Atherosclerotic Patients, 900

Obese Men With Type IIB Hyperlipidemia Are Insulin Resistant, 1469

Relation Between Sex Hormones and Serum Lipoprotein and Lipoprotein(a) Concentrations in Premenopausal Obese Women, 675

Relation of Plasma Triglyceride and ApoB Levels to Insulin-Mediated Suppression of Nonesterified Fatty Acids: Possible Explanation for Sex Differences in Lipoprotein Pattern, 1187

Insulin resistance

Insulin Resistance, Glucose Intolerance, and Hyperinsulinemia: Hypertriglyceridemia Versus Hypercholesterolemia, 367

Insulin Resistance in Familial and Nonfamilial Hypercholesterolemia, 41

Involvement of the Hemostatic System in the Insulin Resistance Syndrome: A Study of 1500 Patients With Angina Pectoris, 1865

Microalbuminuria Is a Marker of Left Ventricular Hypertrophy but Not Hyperinsulinemia in Nondiabetic Atherosclerotic Patients, 900

Obese Men With Type IIB Hyperlipidemia Are Insulin Resistant, 1469

Integrated backscatter

Quantitative Ultrasonic Characterization of Lesion Composition and Remodeling in Atherosclerotic Rabbit Aorta, 1543

Intercellular adhesion molecule-1

Tumor Necrosis Factor-α Stimulates ICAM-1 Expression in Human Vascular Smooth Muscle Cells, 407

Interleukin-1B

Effects of Prostacyclin Analogues on Human Endothelial Cell Tissue Factor Expression, 1082

Intermittent claudication

Serum Lipoproteins and Hemostatic Function in Intermittent Claudication, 1441

Intestine

Regulation of LDL Receptor Expression by Luminal Sterol Flux in CaCo-2 Cells, 729

Intima

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

The Endothelium During Cuff-Induced Neointima Formation in the Rabbit Carotid Artery, 1874

Intimal tissue risk factor

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Intima-media wall thickness

Isolated Systolic Hypertension and Vessel Wall Thickness of the Carotid Artery: The Rotterdam Elderly Study, 64

Intracellular calcium

Concerted Effects of Lipoproteins and Angiotensin II on Signal Transduction Processes in Vascular Smooth Muscle Cells,

Iron

Vitamin E, LDL, and Endothelium: Brief Oral Vitamin Supplementation Prevents Oxidized LDL-Mediated Vascular Injury In Vitro, 1779

Ischemic events

Increased Fibrin Turnover and High PAI-1 Activity as Predictors of Ischemic Events in Atherosclerotic Patients: A Case-Control Study, 1412

Ischemic heart disease

Endogenous Sex Hormones and Ischemic Heart Disease in Men: The Caerphilly Prospective Study, 517

The GTP-Binding Regulatory Proteins, G, and Gi, Are Altered in Erythrocyte Membranes of Patients With Ischemic Heart Disease Resulting From Coronary Atherosclerosis, 1244

Isolated systolic hypertension

Isolated Systolic Hypertension and Vessel Wall Thickness of the Carotid Artery: The Rotterdam Elderly Study, 64

Isopycnic density gradient ultracentrifugation

Anticoagulant Activity of Tissue Factor Pathway Inhibitor in Human Plasma Is Preferentially Associated With Dense Subspecies of LDL and HDL and With Lp(a), 1066

1

Jugular vein

Protection From Atherosclerosis in Vein Grafts by a Rigid External Support, 379

K

Kinetic studies

Stable Isotopes Show a Direct Relation Between VLDL ApoB Overproduction and Serum Triglyceride Levels and Indicate a Metabolically and Biochemically Coherent Basis for Familial Combined Hyperlipidemia, 1110

Kinetics

Familial HDL Deficiency Due to Marked Hypercatabolism of Normal ApoA-I, 1299

Fenofibrate and LDL Metabolic Heterogeneity in Hypercholesterolemia, 702

KKAy mouse

Lipoprotein Profile Characterization of the KKAY Mouse, a Rodent Model of Type II Diabetes, Before and After Treatment With the Insulin-Sensitizing Agent Pioglitazone, 302

T.

Lactoferrin

Macrophage-Conditioned Medium and β-VLDLs Enhance Cholesterol Esterification in SMCs and HSFs by LDL Receptor-Mediated and Other Pathways, 1350

LAPP

Recombinant Leech Antiplatelet Protein Prevents Collagen-Mediated Platelet Aggregation but Not Collagen Graft Thrombosis in Baboons, 1593

LDL

Cell-Derived Unesterified Cholesterol Cycles Between Different HDLs and LDL for Its Effective Esterification in Plasma, 445

Characterization of Six Patients Who Are Double Heterozygotes for Familial Hypercholesterolemia and Familial Defective Apo B-100, 1076

Comparison of Supplementation of $RRR-\alpha$ -Tocopherol and Racemic α -Tocopherol in Humans: Effects on Lipid Levels and Lipoprotein Susceptibility to Oxidation, 601

Effect of Dietary Antioxidant Combinations in Humans: Protection of LDL by Vitamin E but Not by β-Carotene, 590

Effect of Hepatic Lipase on LDL in Normal Men and Those With Coronary Artery Disease, 147

Genetics of LDL Subclass Phenotypes in Women Twins: Concordance, Heritability, and Commingling Analysis, 687

Increased Production Rates of LDL Are Common in Individuals With Low Plasma Levels of HDL Cholesterol, Independent of Plasma Triglyceride Concentrations, 842

Increased Synthesis of Plasminogen Activator Inhibitor-1 by Cultured Human Endothelial Cells Exposed to Native and Modified LDLs: An LDL Receptor-Independent Phenomenon. 338

Influence of Plasma Cholesteryl Ester Transfer Activity on the LDL and HDL Distribution Profiles in Normolipidemic Subjects, 815

LDL Inhibits the Mediation of Cholesterol Efflux From Macrophage Foam Cells by ApoA-I-Containing Lipoproteins: A Putative Mechanism for Foam Cell Formation, 1307

Lipid Transfer Protein-Mediated Distribution of HDL-Derived Cholesteryl Esters Among Plasma Apo B-Containing Lipo-

protein Subpopulations, 834

Lipoprotein Profile Characterization of the KKA^y Mouse, a Rodent Model of Type II Diabetes, Before and After Treatment With the Insulin-Sensitizing Agent Pioglitazone, 302

Lipoproteins in Familial Dysbetalipoproteinemia: Variation of Serum Cholesterol Level Associated With VLDL Concentration 316

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Macrophage-Conditioned Medium and β -VLDLs Enhance Cholesterol Esterification in SMCs and HSFs by LDL Recep-

tor-Mediated and Other Pathways, 1350

Oral Contraceptives Decrease Hepatic Cholesterol Independent of the LDL Receptor in Nonhuman Primates, 1645

Oxidized LDL-Induced Leukocyte/Endothelium Interaction In Vivo Involves the Receptor for Platelet-Activating Factor, 1013

Plasma Triglyceride and LDL Heterogeneity in Familial Combined Hyperlipidemia, 427
 Potential of ^{99m}Tc-LDLs Labeled by Two Different Methods for

Potential of 99mTc-LDLs Labeled by Two Different Methods for Scintigraphic Detection of Experimental Atherosclerosis in Rabbits, 78

Vitamin E, LDL, and Endothelium: Brief Oral Vitamin Supplementation Prevents Oxidized LDL-Mediated Vascular Injury In Vitro, 1779

LDL cholesterol

Effects of Canola, Corn, and Olive Oils on Fasting and Postprandial Plasma Lipoproteins in Humans as Part of a National Cholesterol Education Program Step 2 Diet, 1533

Hydrogenation Impairs the Hypolipidemic Effect of Corn Oil in Humans: Hydrogenation, trans Fatty Acids, and Plasma Lipids, 154

Plasma Lipoprotein and Apolipoprotein Levels in Taipei and Framingham, 1429

LDL efflux

Influx, Efflux, and Accumulation of LDL in Normal Arterial Areas and Atherosclerotic Lesions of White Carneau Pigeons With Naturally Occurring and Cholesterol-Aggravated Aortic Atherosclerosis, 1368

LDL influx

Influx, Efflux, and Accumulation of LDL in Normal Arterial Areas and Atherosclerotic Lesions of White Carneau Pigeons With Naturally Occurring and Cholesterol-Aggravated Aortic Atherosclerosis, 1368

LDL oxidation

Influence of Probucol on Enhanced LDL Oxidation After Fish Oil Treatment of Hypertriglyceridemic Patients, 1790

DL receptor

Effects of Lovastatin on the Levels, Structure, and Atherogenicity of VLDL in Patients With Moderate Hypertriglyceridemia, 472

Hypolipidemic Activity of HOE-402 Is Mediated by Stimulation of the LDL Receptor Pathway, 1005

Interaction of Lp(a) and of Apo(a) With Liver Cells, 1101 Oral Contraceptives Decrease Hepatic Cholesterol Indepen-

dent of the LDL Receptor in Nonhuman Primates, 1645 Phenotypic Variation Among Familial Hypercholesterolemics

Heterozygous for Either One of Two Afrikaner Founder LDL Receptor Mutations, 1460

Regulation of LDL Receptor Expression by Luminal Sterol Flux in CaCo-2 Cells, 729

LDL receptor activity

Dietary Monounsaturated Fatty Acids Enhance Cholesterol Efflux From Human Fibroblasts: Relation to Fluidity, Phospholipid Fatty Acid Composition, Overall Composition, and Size of HDL₃, 958 LDL receptor analysis

Fluorescence Flow Cytometry of Human Leukocytes in the Detection of LDL Receptor Defects in the Differential Diagnosis of Hypercholesterolemia, 1053

LDL receptor gene

Deletion of Exon 15 of the LDL Receptor Gene Is Associated With a Mild Form of Familial Hypercholesterolemia: FH-Espoo, 1680

Identification of Recurrent and Novel Mutations in Exon 4 of the LDL Receptor Gene in Patients With Familial Hypercholesterolemia in the United Kingdom, 56

LDL receptor mutations

Characterization of Six Patients Who Are Double Heterozygotes for Familial Hypercholesterolemia and Familial Defective Apo B-100, 1076

LDL receptor-related protein

Macrophage-Conditioned Medium and β-VLDLs Enhance Cholesterol Esterification in SMCs and HSFs by LDL Receptor-Mediated and Other Pathways, 1350

LDL size

Effect of Pravastatin and ω-3 Fatty Acids on Plasma Lipids and Lipoproteins in Patients With Combined Hyperlipidemia, 1755

LDL Size and Subclass Pattern in a Biethnic Population, 1623

LDL subfractions

Dietary Fat Saturation Modifies the Metabolism of LDL Subfractions in Guinea Pigs, 1418

Identification of Multiple Dense LDL Subfractions With Enhanced Susceptibility to In Vitro Oxidation Among Hypertriglyceridemic Subjects: Normalization After Clofibrate Treatment, 712

LDL-apo B-100

Modulation of the Expression of Human LDL-Apo B-100 Epitopes by Lipids and Apolipoproteins, 529

LDL-apo B kinetics

Two Patterns of LDL Metabolism in Normotriglyceridemic Patients With Hypoalphalipoproteinemia, 579

Lecithin: cholesterol acyltransferase

Cell-Derived Unesterified Cholesterol Cycles Between Different HDLs and LDL for Its Effective Esterification in Plasma,

Influence of Plasma Cholesteryl Ester Transfer Activity on the LDL and HDL Distribution Profiles in Normolipidemic Subjects. 815

LDL Inhibits the Mediation of Cholesterol Efflux From Macrophage Foam Cells by ApoA-I-Containing Lipoproteins: A Putative Mechanism for Foam Cell Formation, 1307

Lesion initiation

An Atherogenic Diet Rapidly Induces VCAM-1, a Cytokine-Regulatable Mononuclear Leukocyte Adhesion Molecule, in Rabbit Aortic Endothelium, 197

Lesion regression

Plaque Changes and Arterial Enlargement in Atherosclerotic Monkeys After Manipulation of Diet and Social Environment, 254

Lesion

Localization and Smooth Muscle Cell Composition of Atherosclerotic Lesions in Watanabe Heritable Hyperlipidemic Rabbits, 347

Leucine analogue/derivative

A New Anti-inflammatory Leucine Derivative, NPC-15669, Inhibits Growth of Cultured Human Aortic Smooth Muscle Cells, 360

Leukocyte adherence

Decreased Basal Nitric Oxide Release in Hypercholesterolemia Increases Neutrophil Adherence to Rabbit Coronary Artery Endothelium, 771

Leukocyte/endothelium interaction

Oxidized LDL-Induced Leukocyte/Endothelium Interaction In Vivo Involves the Receptor for Platelet-Activating Factor, 1013

Leukotriene B₄

Functionally Abnormal Monocytes in Hypercholesterolemia, 944

1914

Leumedin

A New Anti-inflammatory Leucine Derivative, NPC-15669, Inhibits Growth of Cultured Human Aortic Smooth Muscle Cells. 360

Ligand-binding sites

Comparison of Ligand-Bin ling Sites of Modeled Apo[a] Kringle-like Sequences in Hu. an Lipoprotein[a], 758

Lipase clearance

Depletion of Lipoprotein Lipase After Heparin Administration, 1391

Lipid lesion distribution

Distribution of Lipid and Raised Lesions in Aortas of Young People of Different Geographic Origins (WHO-ISFC PBDAY Study), 1700

Lipid-lowering drugs

Binding of ¹¹¹In-Labeled LDL to Platelets of Normolipemic Volunteers and Patients With Heterozygous Familial Hypercholesterolemia, 536

Gemfibrozil Reduces Postprandial Lipemia in Non-Insulin-Dependent Diabetes Mellitus, 286

Lipid oxidation

Comparison of Supplementation of $RRR-\alpha$ -Tocopherol and Racemic α -Tocopherol in Humans: Effects on Lipid Levels and Lipoprotein Susceptibility to Oxidation, 601

Effect of Dietary Antioxidant Combinations in Humans: Protection of LDL by Vitamin E but Not by β-Carotene, 590

Lipid peroxidation

Identification of Multiple Dense LDL Subfractions With Enhanced Susceptibility to In Vitro Oxidation Among Hypertriglyceridemic Subjects: Normalization After Clofibrate Treatment, 712

Immunostaining of Human Autopsy Aortas With Antibodies to Modified Apolipoprotein B and Apoprotein(a), 1689

Lipid peroxides

Influence of Probucol on Enhanced LDL Oxidation After Fish Oil Treatment of Hypertriglyceridemic Patients, 1790

Lipid transfer

Cell-Derived Unesterified Cholesterol Cycles Between Different HDLs and LDL for Its Effective Esterification in Plasma,

Lipid transfer inhibitor protein

Determination of Lipid Transfer Inhibitor Protein Activity in Human Lipoprotein-Deficient Plasma, 1843

Lipid transfer protein

Determination of Lipid Transfer Inhibitor Protein Activity in Human Lipoprotein-Deficient Plasma, 1843

Lipids

Cardiovascular Risk Factors in Non-Insulin-Dependent Diabetic Subjects With Microalbuminuria, 205

Modulation of the Expression of Human LDL-Apo B-100 Epitopes by Lipids and Apolipoproteins, 529

Visceral Fat Loss Measured by Magnetic Resonance Imaging in Relation to Changes in Serum Lipid Levels of Obese Men and Women, 487

Lipolysis

Biphasic Effects of Low-Molecular-Weight and Conventional Heparins on Chylomicron Clearance in Rats, 1397

Hepatic Lipase Deficiency: Clinical, Biochemical, and Molecular Genetic Characteristics, 720

Lipopolysaccharide

Regulation of Endothelial Cell Tissue Factor Expression by Minimally Oxidized LDL and Lipopolysaccharide, 1711

Lipoprotein A-I

LDL Inhibits the Mediation of Cholesterol Efflux From Macrophage Foam Cells by ApoA-I-Containing Lipoproteins: A Putative Mechanism for Foam Cell Formation, 1307

Lipoprotein A-I/A-II

LDL Inhibits the Mediation of Cholesterol Efflux From Macrophage Foam Cells by ApoA-I-Containing Lipoproteins: A Putative Mechanism for Foam Cell Formation, 1307

Lipoprotein composition

Lipoprotein Compositional Abnormalities and Insulin Resistance in Type II Diabetic Patients With Mild Hyperlipidemia, 1046

Lipoprotein density

Effect of Hepatic Lipase on LDL in Normal Men and Those With Coronary Artery Disease, 147

Lipoprotein lipase

Activities of Lipoprotein Lipase and Hepatic Triglyceride Lipase in Postheparin Plasma of Patients with Low Concentrations of HDL Cholesterol, 1227

Biphasic Effects of Low-Molecular-Weight and Conventional Heparins on Chylomicron Clearance in Rats, 1397

High Macrophage Lipoprotein Lipase Expression and Secretion Are Associated in Inbred Murine Strains With Susceptibility to Atherosclerosis, 190

Impaired Chylomicron Remnant Clearance in Familial Com-

bined Hyperlipidemia, 804

Macrophage-Conditioned Medium and β-VLDLs Enhance Cholesterol Esterification in SMCs and HSFs by LDL Receptor-Mediated and Other Pathways, 1350

Metabolic Heterogeneity Associated With High Plasma Triglyceride or Low HDL Cholesterol Levels in Men, 33

Lipoprotein metabolism

Determination of Lipid Transfer Inhibitor Protein Activity in Human Lipoprotein-Deficient Plasma, 1843

Lipoprotein particles

Characterization of ApoA-IV-Containing Lipoprotein Particles Isolated From Human Plasma and Interstitial Fluid, 126 Familial Hypoalphalipoproteinemia in Premature Coronary Ar-

tery Disease, 1728

Lipoprotein scavenger receptor Interaction of Oxidized HDLs With J774-A1 Macrophages Causes Intracellular Accumulation of Unesterified Cholesterol, 1334

Lipoprotein secretion

ApoA-IV Is Secreted on Discrete HDL Particles by the Rat Hepatoma Cell Line McA-RH7777 Transfected With ApoA-IV cDNA, 1476

Lipoprotein size

Effect of Hepatic Lipase on LDL in Normal Men and Those With Coronary Artery Disease, 147

Lipoprotein subfractions

Effects of Simvastatin on ApoB Metabolism and LDL Subfraction Distribution, 170

Lipoprotein synthesis

Effect of 3-Thiadicarboxylic Acid on Lipid Metabolism in Experimental Nephrosis, 1580

Lipoprotein(a)

Cardiovascular Risk Factors in Non-Insulin-Dependent Diabetic Subjects With Microalbuminuria, 205

Exercise Training Decreases Plasma Cholesteryl Ester Transfer Protein, 1359

Glutamine/Histidine Polymorphism in Apo A-IV Affects Plasma Concentrations of Lipoprotein(a) and Fibrin Split Products in Coronary Heart Disease Patients, 240

Immunostaining of Human Autopsy Aortas With Antibodies to Modified Apolipoprotein B and Apoprotein(a), 1689

Lipoprotein[a] as a Risk Factor for Preclinical Atherosclerosis, 826

Lipoprotein[a] Concentrations and Apolipoprotein[a] Phenotypes in Caucasians and African Americans: The CARDIA Study, 1037

Occlusive Arterial Thrombosis in Cynomolgus Monkeys With Varying Plasma Concentrations of Lipoprotein(a), 548

Plasma Lipoprotein and Apolipoprotein Levels in Taipei and Framingham, 1429

Relation Between Sex Hormones and Serum Lipoprotein and Lipoprotein(a) Concentrations in Premenopausal Obese Women, 675

The Relation of Lipoprotein[a] Concentrations and Apolipoprotein[a] Phenotypes With Asymptomatic Atherosclerosis in Subjects of the Atherosclerosis Risk in Communities (ARIC) Study, 1558

Lipoproteins

Cardiovascular Risk Factors in Non-Insulin-Dependent Diabetic Subjects With Microalbuminuria, 205

- Concerted Effects of Lipoproteins and Angiotensin II on Signal Transduction Processes in Vascular Smooth Muscle Cells, 1261
- Familial HDL Deficiency Due to Marked Hypercatabolism of Normal ApoA-I, 1299
- Familial Hypoalphalipoproteinemia in Premature Coronary Artery Disease, 1728
- Growth Hormone Treatment of Growth Hormone-Deficient Adults Results in a Marked Increase in Lp(a) and HDL Cholesterol Concentrations, 296
- Inhibition of Exercise-Induced Shortening of Bleeding Time by Fish Oil in Familial Hypercholesterolemia (Type IIa), 98
- Lipoprotein Profile Characterization of the KKA' Mouse, a Rodent Model of Type II Diabetes, Before and After Treatment With the Insulin-Sensitizing Agent Pioglitazone, 302
- Lipoproteins in Familial Dysbetalipoproteinemia: Variation of Serum Cholesterol Level Associated With VLDL Concentration, 316
- Nifedipine Inhibits Accumulation of LDL and Cholesterol in the Aorta of the Normocholesterolemic Rabbit, 637
- Parental History of Early Myocardial Infarction is Associated With Decreased Levels of Lipoparticle AI in Adolescents, 1640
- Plasma Lipid, Lipoprotein Cholesterol, and Apoprotein Distributions in Selected US Communities: The Atherosclerosis Risk in Communities (ARIC) Study, 1139
- Serum Lipoproteins and Hemostatic Function in Intermittent Claudication, 1441
- Underexpression of the Apolipoprotein E4 Isoform in an Italian Population, 1456

Lovastatin

- Decreased Basal Nitric Oxide Release in Hypercholesterolemia Increases Neutrophil Adherence to Rabbit Coronary Artery Endothelium, 771
- Effects of Lovastatin on the Levels, Structure, and Atherogenicity of VLDL in Patients With Moderate Hypertriglyceridemia, 472.
- Inhibition of Exercise-Induced Shortening of Bleeding Time by Fish Oil in Familial Hypercholesterolemia (Type IIa), 98

Low HD

Two Patterns of LDL Metabolism in Normotriglyceridemic Patients With Hypoalphalipoproteinemia, 579

Low-molecular-weight heparin

Depletion of Lipoprotein Lipase After Heparin Administration, 1391

Lp(a) degradation

Interaction of Lp(a) and of Apo(a) With Liver Cells, 1101

LpAI

Parental History of Early Myocardial Infarction Is Associated With Decreased Levels of Lipoparticle AI in Adolescents, 1640

Lymphocytes

Fluorescence Flow Cytometry of Human Leukocytes in the Detection of LDL Receptor Defects in the Differential Diagnosis of Hypercholesterolemia, 1053

Lysophosphatidic acid

Lysophosphatidic Acid Enhances Fibronectin Binding to Adherent Cells, 1662

Lysophosphatidylcholine oxidized LDL

Protein Kinase C Inhibitors Prevent Impairment of Endothelium-Dependent Relaxation by Oxidatively Modified LDL, 1525

N

Macrophage growth

Induction of Murine Macrophage Growth by Modified LDLs, 331

Macrophages

- Abundant Expression of Apoprotein E by Macrophages in Human and Rabbit Atherosclerotic Lesions, 1382
- Cell Proliferation in Human Arteriovenous Fistulas Used for Hemodialysis, 609
- Cholesteryl Ester Loading of Mouse Peritoneal Macrophages Is Associated With Changes in the Expression or Modification

- of Specific Cellular Proteins, Including Increase in an α -Enolase Isoform, 264
- Comparison of Supplementation of RRR-α-Tocopherol and Racemic α-Tocopherol in Humans: Effects on Lipid Levels and Lipoprotein Susceptibility to Oxidation, 601
- Dexamethasone-Induced Suppression of Aortic Atherosclerosis in Cholesterol-Fed Rabbits: Possible Mechanisms, 892
- Dietary n-3 Polyunsaturated Fatty Acids Prevent the Development of Atherosclerotic Lesions in Mice: Modulation of Macrophage Secretory Activities, 1515
- Effect of Dietary Antioxidant Combinations in Humans: Protection of LDL by Vitamin E but Not by β -Carotene, 590
- High Macrophage Lipoprotein Lipase Expression and Secretion Are Associated in Inbred Murine Strains With Susceptibility to Atherosclerosis, 190
- Interaction of Oxidized HDLs With J774-A1 Macrophages Causes Intracellular Accumulation of Unesterified Cholesterol, 1334
- Oxidized Low Density Lipoproteins Bind to the Scavenger Receptor Expressed by Rabbit Smooth Muscle Cells and Macrophages, 371
- Prostacyclin Agonists Reduce Early Atherosclerosis in Hyperlipidemic Hamsters: Octimibate and BMY 42393 Suppress Monocyte Chemotaxis, Macrophage Cholesteryl Ester Accumulation, Scavenger Receptor Activity, and Tumor Necrosis Factor Production. 435
- β-VLDL in Hepatic Lipase Deficiency Induces ApoE-Mediated Cholesterol Ester Accumulation in Macrophages, 1282

Magnetic resonance imaging

- Noninvasive Quantitative Evaluation of Atherosclerosis Using MRI and Image Analysis, 1180
- Visceral Fat Loss Measured by Magnetic Resonance Imaging in Relation to Changes in Serum Lipid Levels of Obese Men and Women, 487

Mathematical models

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Maximal oxygen uptake

Exercise Training Decreases Plasma Cholesteryl Ester Transfer Protein, 1359

Mechanisms of atherogenesis

Influx, Efflux, and Accumulation of LDL in Normal Arterial Areas and Atherosclerotic Lesions of White Carneau Pigeons With Naturally Occurring and Cholesterol-Aggravated Aortic Atherosclerosis, 1368

Media

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Meeting Summary

Lipoprotein(a) and Metabolic Heterogeneity of LDL, 324
The 15th Annual Meeting of the European Lipoprotein Club,
618

Megakaryocytes

- Plasminogen Activator Inhibitor-1 mRNA Is Expressed in Platelets and Megakaryocytes and the Megakaryoblastic Cell Line CHRF-288, 669
- The Effects of Olive Oil, Hydrogenated Palm Oil, and ω-3 Fatty Acid-Enriched Diets on Megakaryocytes and Platelets, 84

Menopause

- Associations of Age, Adiposity, Alcohol Intake, Menstrual Status, and Estrogen Therapy With High-Density Lipoprotein Subclasses. 1654
- Plasma Lipoprotein and Apolipoprotein Levels in Taipei and Framingham, 1429

Menstrual

Associations of Age, Adiposity, Alcohol Intake, Menstrual Status, and Estrogen Therapy With High-Density Lipoprotein Subclasses, 1654

Metabolism

Familial HDL Deficiency Due to Marked Hypercatabolism of Normal ApoA-I, 1299

Methodology

Human Cholesterol Synthesis Measurement Using Deuterated Water: Theoretical and Procedural Considerations, 247

5-Methyltetrahydrofolate: homocysteine methyltransferase

Disordered Methionine/Homocysteine Metabolism in Premature Vascular Disease: Its Occurrence, Cofactor Therapy, and Enzymology, 1253

Mevinolin

Interaction of Lp(a) and of Apo(a) With Liver Cells, 1101

Regulation of LDL Receptor Expression by Luminal Sterol Flux in CaCo-2 Cells, 729

Microalbuminuria

Cardiovascular Risk Factors in Non-Insulin-Dependent Diabetic Subjects With Microalbuminuria, 205

Microalbuminuria Is a Marker of Left Ventricular Hypertrophy but Not Hyperinsulinemia in Nondiabetic Atherosclerotic Patients, 900

Microcirculation

Oxidized LDL-Induced Leukocyte/Endothelium Interaction In Vivo Involves the Receptor for Platelet-Activating Factor, 1013

Microfilaments

In Vitro Large-Wound Re-endothelialization: Inhibition of Centrosome Redistribution by Transient Inhibition of Transcription After Wounding Prevents Rapid Repair, 1270

Microtubules

In Vitro Large-Wound Re-endothelialization: Inhibition of Centrosome Redistribution by Transient Inhibition of Transcription After Wounding Prevents Rapid Repair, 1270

Microvesicles

Intact Platelet Membranes, Not Platelet-Released Microvesicles, Support the Procoagulant Activity of Adherent Platelets, 1613

The Assembly of the Prothrombinase Complex on Adherent Platelets, 1602

Minimally oxidized LDL

Regulation of Endothelial Cell Tissue Factor Expression by Minimally Oxidized LDL and Lipopolysaccharide, 1711

ACE Inhibition With Perindopril and Atherogenesis-Induced Structural and Functional Changes in Minipig Arteries, 1125

Modified LDL

Immunostaining of Human Autopsy Aortas With Antibodies to Modified Apolipoprotein B and Apoprotein(a), 1689

Increased Synthesis of Plasminogen Activator Inhibitor-1 by Cultured Human Endothelial Cells Exposed to Native and Modified LDLs: An LDL Receptor-Independent Phenomenon, 338

Oxidized Low Density Lipoproteins Bind to the Scavenger Receptor Expressed by Rabbit Smooth Muscle Cells and Macrophages, 371

Monocyte adhesion

An Atherogenic Diet Rapidly Induces VCAM-1, a Cytokine-Regulatable Mononuclear Leukocyte Adhesion Molecule, in Rabbit Aortic Endothelium, 197

Monocyte/macrophages

Effects of Purinergic Agents on Human Mononuclear Phagocytes Are Differentiation Dependent: Implications for Atherogenesis, 1317

Fluorescence Flow Cytometry of Human Leukocytes in the Detection of LDL Receptor Defects in the Differential Diagnosis of Hypercholesterolemia, 1053

Functionally Abnormal Monocytes in Hypercholesterolemia,

Interactions Between the Monocyte/Macrophage and the Vascular Smooth Muscle Cell: Stimulation of Mitogenesis by a Soluble Factor and of Prostanoid Synthesis by Cell-Cell Contact, 220

Tumor Necrosis Factor-α Stimulates ICAM-1 Expression in Human Vascular Smooth Muscle Cells, 407

Monounsaturated fat

Effects of Canola, Corn, and Olive Oils on Fasting and Postprandial Plasma Lipoproteins in Humans as Part of a National Cholesterol Education Program Step 2 Diet, 1533

Hydrogenation Impairs the Hypolipidemic Effect of Corn Oil in Humans: Hydrogenation, trans Fatty Acids, and Plasma Lipids, 154

Multicompartmental modeling

Fenofibrate and LDL Metabolic Heterogeneity in Hypercholesterolemia, 702

Multispectral pattern recognition

Noninvasive Quantitative Evaluation of Atherosclerosis Using MRI and Image Analysis, 1180

Murine chromosome 1

Influence of the ApoA-II Gene Locus on HDL Levels and Fatty Streak Development in Mice, 1

Identification of Recurrent and Novel Mutations in Exon 4 of the LDL Receptor Gene in Patients With Familial Hypercholesterolemia in the United Kingdom, 56

Myocardial infarction

Genetic Variation at the β -Fibrinogen Locus in Relation to Plasma Fibrinogen Concentrations and Risk of Myocardial Infarction: The ECTIM Study, 886

Immune-Complex-Mediated Vasculitis Increases Coronary Artery Lipid Accumulation in Autoimmune-Prone MRL Mice,

Plasminogen Activator Inhibitor Activity in Diabetic and Nondiabetic Survivors of Myocardial Infarction, 415

Myointimal hyperplasia

Coronary Arteriosclerosis in Dogfish (Scyliorhinus canicula): An Assessment of Some Potential Risk Factors, 876

Myointimal thickening

Cell Proliferation in Human Arteriovenous Fistulas Used for Hemodialysis, 609

N

National Cholesterol Education Program

Effects of Canola, Corn, and Olive Oils on Fasting and Postprandial Plasma Lipoproteins in Humans as Part of a National Cholesterol Education Program Step 2 Diet, 1533 Neoangiogenesis

Cell Proliferation in Human Arteriovenous Fistulas Used for Hemodialysis, 609

Neutrophils

Effects of Thrombocytopenia and Shear Rate on Neutrophil and Platelet Deposition on Endothelial and Medial Arterial Surfaces, 951

Nitric oxide

Decreased Basal Nitric Oxide Release in Hypercholesterolemia Increases Neutrophil Adherence to Rabbit Coronary Artery Endothelium, 771

Effect of Elevated Glucose on Cyclic GMP and Eicosanoids Produced by Porcine Aortic Endothelium, 915

S-Nitrosothiols

Antiplatelet Properties of Protein S-Nitrosothiols Derived From Nitric Oxide and Endothelium-Derived Relaxing Factor, 791

Nitrovasodilators

Hypercholesterolemia Is Associated With a Reduced Response of Smooth Muscle Guanylyl Cyclase to Nitrovasodilators,

Nonhuman primates

Childhood Consumption of Dietary Polyunsaturated Fat Lowers Risk for Coronary Artery Atherosclerosis in African Green Monkeys, 863

Noninvasive testing

Lower-Extremity Arterial Disease in Older Hypertensive Adults, 555

Non-insulin-dependent diabetes mellitus

Augmentation of Synthesis of Plasminogen Activator Inhibitor Type-1 in Arterial Endothelial Cells by Glucose and Its Implications for Local Fibrinolysis, 1822

- Cardiovascular Risk Factors in Non-Insulin-Dependent Diabetic Subjects With Microalbuminuria, 205
- Gemfibrozil Reduces Postprandial Lipemia in Non-Insulin-Dependent Diabetes Mellitus, 286
- Lipoprotein Compositional Abnormalities and Insulin Resistance in Type II Diabetic Patients With Mild Hyperlipidemia, 1046
- Lipoprotein Profile Characterization of the KKA^y Mouse, a Rodent Model of Type II Diabetes, Before and After Treatment With the Insulin-Sensitizing Agent Pioglitazone, 302

0

Obesity

- Differential Effects of Body Fatness and Body Fat Distribution on Risk Factors for Cardiovascular Disease in Women: Impact of Weight Loss, 1487
- Impact of Weight Loss on Plasminogen Activator Inhibitor (PAI-1), Factor VII, and Other Hemostatic Factors in Moderately Overweight Adults, 162
- Relation Between Sex Hormones and Serum Lipoprotein and Lipoprotein(a) Concentrations in Premenopausal Obese Women, 675
- Relation of Plasma Triglyceride and ApoB Levels to Insulin-Mediated Suppression of Nonesterified Fatty Acids: Possible Explanation for Sex Differences in Lipoprotein Pattern, 1187
- Visceral Fat Loss Measured by Magnetic Resonance Imaging in Relation to Changes in Serum Lipid Levels of Obese Men and Women, 487

Occlusive arterial disease

Lower-Extremity Arterial Disease in Older Hypertensive Adults, 555

Olive oil

- The Effects of Olive Oil, Hydrogenated Palm Oil, and ω-3 Fatty Acid-Enriched Diets on Megakaryocytes and Platelets, 84
- Open canalicular system
 Functional Significance of Mobile Receptors on Human Plate-

lets, 1236 Oral contraceptives

Oral Contraceptives Decrease Hepatic Cholesterol Independent of the LDL Receptor in Nonhuman Primates, 1645

Osteopontin gene expression

Osteopontin Overexpression Is Associated With Arterial Smooth Muscle Cell Proliferation In Vitro, 120

β-Oxidation

Effect of 3-Thiadicarboxylic Acid on Lipid Metabolism in Experimental Nephrosis, 1580

Ovidative stress

Circulating Lipid Hydroperoxide Levels in Human Hyperhomocysteinemia: Relevance to Development of Arteriosclerosis, 512

Oxidized LDL

- Induction of Murine Macrophage Growth by Modified LDLs,
- Oxidized Low Density Lipoproteins Bind to the Scavenger Receptor Expressed by Rabbit Smooth Muscle Cells and Macrophages, 371
- Vitamin E, LDL, and Endothelium: Brief Oral Vitamin Supplementation Prevents Oxidized LDL-Mediated Vascular Injury In Vitro, 1779

Oxidized lipoproteins

Interaction of Oxidized HDLs With J774-A1 Macrophages Causes Intracellular Accumulation of Unesterified Cholesterol. 1334

Oxygen microelectrodes

Arterial Intimal Hyperplasia After Occlusion of the Adventitial Vasa Vasorum in the Pig, 70

I

Particle clearance

Biphasic Effects of Low-Molecular-Weight and Conventional Heparins on Chylomicron Clearance in Rats, 1397

Pathogenesis

Dexamethasone-Induced Suppression of Aortic Atherosclerosis in Cholesterol-Fed Rabbits: Possible Mechanisms, 892

Percent body fat

Exercise Training Decreases Plasma Cholesteryl Ester Transfer Protein, 1359

Perindopril

- ACE Inhibition With Perindopril and Atherogenesis-Induced Structural and Functional Changes in Minipig Arteries, 1125 Peripheral arterial occlusive disease
- Severity of Peripheral Atherosclerosis Is Associated With Fibrinogen and Degradation of Cross-linked Fibrin, 1738

Peripheral vascular disease

- Lower-Extremity Arterial Disease in Older Hypertensive Adults, 555
- Platelet-Associated Factor XIII as a Marker of Platelet Activation in Patients With Peripheral Vascular Disease, 857

Permeability

Recombinant Human Thrombomodulin Attenuates Human Endothelial Cell Activation by Human Thrombin, 1119

Pertussis and cholera toxin-catalyzed ADP ribosylation

The GTP-Binding Regulatory Proteins, G_s and G_b. Are Altered in Erythrocyte Membranes of Patients With Ischemic Heart Disease Resulting From Coronary Atherosclerosis, 1244

Phenotypic variation

Phenotypic Variation Among Familial Hypercholesterolemics Heterozygous for Either One of Two Afrikaner Founder LDL Receptor Mutations, 1460

Phospholipase C

Phospholipase C Activity in Platelets From Bernard-Soulier Syndrome Patients, 1567

Phospholipids

- Regulation of Factor VIIa/Tissue Factor Functional Activity in an Umbilical Vein Model, 105
- Studies of Factor Xa/Phospholipid-Induced Intravascular Coagulation in Rabbits: Effects of Immunodepletion of Tissue Factor Pathway Inhibitor, 1551

Physical exercise

Inhibition of Exercise-Induced Shortening of Bleeding Time by Fish Oil in Familial Hypercholesterolemia (Type IIa), 98

Pig aortic endothelial cells

Effect of Elevated Glucose on Cyclic GMP and Eicosanoids Produced by Porcine Aortic Endothelium, 915

Pigeons

- Benzo(a)pyrene Enhances Atherosclerosis in White Carneau and Show Racer Pigeons, 1721
- Influx, Efflux, and Accumulation of LDL in Normal Arterial Areas and Atherosclerotic Lesions of White Carneau Pigeons With Naturally Occurring and Cholesterol-Aggravated Aortic Atherosclerosis, 1368

Pigs

Development and Regression of Atherosclerosis in Pigs: Effects of n-3 Fatty Acids, Their Incorporation Into Plasma and Aortic Plaque Lipids, and Granulocyte Function, 651

Pioglitazone

Lipoprotein Profile Characterization of the KKA^y Mouse, a Rodent Model of Type II Diabetes, Before and After Treatment With the Insulin-Sensitizing Agent Pioglitazone, 302

Plaqu

Quantitative Ultrasonic Characterization of Lesion Composition and Remodeling in Atherosclerotic Rabbit Aorta, 1543

Plasma

Identification of Novel Heparin-Releasable Proteins, as Well as the Cytokines Midkine, and Pleiotrophin, in Human Postheparin Plasma, 1798

Plasma fibrinogen

- Plasma Fibrinogen and Its Correlates in Japanese and US Population Samples, 783
- Serum Lipoproteins and Hemostatic Function in Intermittent Claudication, 1441

Plasma HDL cholesterol

Decreased Postprandial Response to a Fat Meal in Normotriglyceridemic Men With Hypoalphalipoproteinemia, 385

Plasma homocysteine

Circulating Lipid Hydroperoxide Levels in Human Hyperhomocysteinemia: Relevance to Development of Arteriosclerosis, 512

Plasma LDL distribution

Dietary Fat Saturation Modifies the Metabolism of LDL Subfractions in Guinea Pigs, 1418

Plasma LDL level

Variable Expression of the Mutation in Familial Defective Apolipoprotein B-100, 973

Plasma lipids

Adipocyte β-Adrenoceptor Sensitivity Influences Plasma Lipid Levels, 967

Plasma lipoproteins

Effect of Probucol on Plasma Clearance and Organ Uptake of Chylomicrons and VLDLs in Normal and Diabetic Rats, 231 Immune-Complex-Mediated Vasculitis Increases Coronary Artery Lipid Accumulation in Autoimmune-Prone MRL Mice, 932

Plasma macromolecules

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Plasma triglycerides

Decreased Postprandial Response to a Fat Meal in Normotriglyceridemic Men With Hypoalphalipoproteinemia, 385

Plasmin

Fibrinogenolytic and Fibrinolytic Activity of Cell-Associated Plasmin, 48

Plasminogen activator

Role of Endogenous Platelet-Derived Growth Factor in Arterial Smooth Muscle Cell Migration After Balloon Catheter Injury, 1218

Plasminogen activator inhibitor

Increased Fibrin Turnover and High PAI-1 Activity as Predictors of Ischemic Events in Atherosclerotic Patients: A Case-Control Study, 1412

Increased Synthesis of Plasminogen Activator Inhibitor-1 by Cultured Human Endothelial Cells Exposed to Native and Modified LDLs: An LDL Receptor-Independent Phenomenon, 338

Plasminogen activator inhibitor type 1

Favorable Long-term Effect of a Low-Fat/High-Fiber Diet on Human Blood Coagulation and Fibrinolysis, 505

Impact of Weight Loss on Plasminogen Activator Inhibitor (PAI-1), Factor VII, and Other Hemostatic Factors in Moderately Overweight Adults, 162

Localization and Production of Plasminogen Activator Inhibitor-1 in Human Healthy and Atherosclerotic Arteries, 1090

Involvement of the Hemostatic System in the Insulin Resistance Syndrome: A Study of 1500 Patients With Angina Pectoris, 1865

Plasminogen Activator Inhibitor Activity in Diabetic and Nondiabetic Survivors of Myocardial Infarction, 415

Plasminogen Activator Inhibitor-1 mRNA Is Expressed in Platelets and Megakaryocytes and the Megakaryoblastic Cell Line CHRF-288, 669

Relation of Hemostatic Risk Factors to Other Risk Factors for Coronary Heart Disease and to Sex Hormones in Men, 467

Serum Lipoproteins and Hemostatic Function in Intermittent Claudication, 1441

Plasminogen kringle 4

Comparison of Ligand-Binding Sites of Modeled Apo[a] Kringle-like Sequences in Human Lipoprotein[a], 758

Platelet-activating factor

Oxidized LDL-Induced Leukocyte/Endothelium Interaction In Vivo Involves the Receptor for Platelet-Activating Factor, 1013

Platelet activation

Platelet-Associated Factor XIII as a Marker of Platelet Activation in Patients With Peripheral Vascular Disease, 857

Platelet adhesion

Aggregate Formation Is More Strongly Inhibited at High Shear Rates by dRGDW, a Synthetic RGD-Containing Peptide, 1164

Human Type II Hyperlipoproteinemia Enhances Platelet-Collagen Adhesion in Flowing Nonanticoagulated Blood, 1650

Platelet aggregation

Platelet Aggregation Induced by the Endoperoxide Analogue U46619 is Inhibited by Polymorphonuclear Leukocyte ADPase Activity, 696

Shear-Induced Platelet Aggregation Is Potentiated by Desmopressin and Inhibited by Ticlopidine, 393

Platelet-derived growth factor

Role of Endogenous Platelet-Derived Growth Factor in Arterial Smooth Muscle Cell Migration After Balloon Catheter Injury, 1218

Platelet function

Inhibition of Thromboxane Biosynthesis and Platelet Function by Indobufen in Type II Diabetes Mellitus, 1346

The Effects of Olive Oil, Hydrogenated Palm Oil, and ω-3 Fatty Acid-Enriched Diets on Megakaryocytes and Platelets, 84

Platelet GPIIb/IIIa antibody

A Chimeric Murine/Human Antibody Fab Fragment Directed Against the Platelet GPIIb/IIIa Receptor Enhances and Sustains Arterial Thrombolysis With Recombinant Tissue-Type Plasminogen Activator in Baboons, 1837

Platelet

Binding of ¹¹¹In-Labeled LDL to Platelets of Normolipemic Volunteers and Patients With Heterozygous Familial Hypercholesterolemia, 536

Effects of Thrombocytopenia and Shear Rate on Neutrophil and Platelet Deposition on Endothelial and Medial Arterial Surfaces. 951

Excretion of Thromboxane Metabolites in Healthy Women After Cessation of Smoking, 777

Increased In Vivo Production of Thromboxane in Patients With Sickle Cell Disease Is Accompanied by an Impairment of Platelet Functions to the Thromboxane A₂ Agonist U46619, 421

Inhibitory Effect of Clopidogrel on Platelet Adhesion and Intimal Proliferation After Arterial Injury in Rabbits, 1171

Intact Platelet Membranes, Not Platelet-Released Microvesicles, Support the Procoagulant Activity of Adherent Platelets, 1613

Occlusive Arterial Thrombosis in Cynomolgus Monkeys With Varying Plasma Concentrations of Lipoprotein(a), 548 Phospholipase C Activity in Platelets From Bernard-Soulier

Phospholipase C Activity in Platelets From Bernard-Soulier Syndrome Patients, 1567

Plasminogen Activator Inhibitor-1 mRNA Is Expressed in Platelets and Megakaryocytes and the Megakaryoblastic Cell Line CHRF-288, 669

Recombinant Leech Antiplatelet Protein Prevents Collagen-Mediated Platelet Aggregation but Not Collagen Graft Thrombosis in Baboons, 1593

The Assembly of the Prothrombinase Complex on Adherent Platelets, 1602

The Effects of Olive Oil, Hydrogenated Palm Oil, and ω-3 Fatty Acid-Enriched Diets on Megakaryocytes and Platelets, 84

Polyacrylamide gradient gel electrophoresis

Influence of Plasma Cholesteryl Ester Transfer Activity on the LDL and HDL Distribution Profiles in Normolipidemic Subjects, 815

Polymorphonuclear leukocytes

Platelet Aggregation Induced by the Endoperoxide Analogue U46619 Is Inhibited by Polymorphonuclear Leukocyte ADPase Activity, 696

The Endothelium During Cuff-Induced Neointima Formation in the Rabbit Carotid Artery, 1874

Polytetrafluorethylene grafts

Cell Proliferation in Human Arteriovenous Fistulas Used for Hemodialysis, 609

Polyunsaturated fat

Childhood Consumption of Dietary Polyunsaturated Fat Lowers Risk for Coronary Artery Atherosclerosis in African Green Monkeys, 863

Effects of Canola, Corn, and Olive Oils on Fasting and Postprandial Plasma Lipoproteins in Humans as Part of a National Cholesterol Education Program Step 2 Diet, 1533 Hydrogenation Impairs the Hypolipidemic Effect of Corn Oil in Humans: Hydrogenation, *trans* Fatty Acids, and Plasma Lipids, 154

Postprandial lipemia

Gemfibrozil Reduces Postprandial Lipemia in Non-Insulin-Dependent Diabetes Mellitus, 286

Increased Postprandial Lipemia in Apo A-I_{Milano} Carriers, 521

Postprandial lipoproteins

HDLs and Alimentary Lipemia: Studies in Men With Previous Myocardial Infarction at a Young Age, 11

Postprandial response

Decreased Postprandial Response to a Fat Meal in Normotriglyceridemic Men With Hypoalphalipoproteinemia, 385

Poststenotic dilatation

Evidence That Turbulence Is Not the Cause of Poststenotic Dilatation in Rabbit Carotid Arteries, 977

Pravastatin

Effect of Pravastatin and ω-3 Fatty Acids on Plasma Lipids and Lipoproteins in Patients With Combined Hyperlipidemia, 1755

Pre-β-HDL

Cell-Derived Unesterified Cholesterol Cycles Between Different HDLs and LDL for Its Effective Esterification in Plasma, 445

Probucol

Effect of Probucol on Plasma Clearance and Organ Uptake of Chylomicrons and VLDLs in Normal and Diabetic Rats, 231 Influence of Probucol on Enhanced LDL Oxidation After Fish Oil Treatment of Hypertriglyceridemic Patients, 1790

Procoagulant activity

Intact Platelet Membranes, Not Platelet-Released Microvesicles, Support the Procoagulant Activity of Adherent Platelets, 1613

Procollagen messenger RNA

Aortic Smooth Muscle Cells in a Three-Dimensional Collagen Lattice Culture: Evidence for Posttranslational Regulation of Collagen Synthesis, 1572

Proliferation

Inhibitory Effect of Clopidogrel on Platelet Adhesion and Intimal Proliferation After Arterial Injury in Rabbits, 1171

Interactions Between the Monocyte/Macrophage and the Vascular Smooth Muscle Cell: Stimulation of Mitogenesis by a Soluble Factor and of Prostanoid Synthesis by Cell-Cell Contact, 220

Responsiveness of Aortic Smooth Muscle Cells to Soluble Growth Mediators Is Influenced by Cell-Matrix Contact, 994

Prospective studies

Endogenous Sex Hormones and Ischemic Heart Disease in Men: The Caerphilly Prospective Study, 517

Prostacyclin

Excretion of Thromboxane Metabolites in Healthy Women After Cessation of Smoking, 777

Prostacyclin Agonists Reduce Early Atherosclerosis in Hyperlipidemic Hamsters: Octimibate and BMY 42393 Suppress Monocyte Chemotaxis, Macrophage Cholesteryl Ester Accumulation, Scavenger Receptor Activity, and Tumor Necrosis Factor Production, 435

Recombinant Human Thrombomodulin Attenuates Human Endothelial Cell Activation by Human Thrombin, 1119

Prostaglandin I2

Effects of Prostacyclin Analogues on Human Endothelial Cell Tissue Factor Expression, 1082

Prostanoids

Interactions Between the Monocyte/Macrophage and the Vascular Smooth Muscle Cell: Stimulation of Mitogenesis by a Soluble Factor and of Prostanoid Synthesis by Cell-Cell Contact, 220

Protease

Phospholipase C Activity in Platelets From Bernard-Soulier Syndrome Patients, 1567

Protein C

Associations of Fish Intake and Dietary n-3 Polyunsaturated Fatty Acids With a Hypocoagulable Profile: The Atherosclerosis Risk in Communities (ARIC) Study, 1205

Protein expression

Cholesteryl Ester Loading of Mouse Peritoneal Macrophages Is Associated With Changes in the Expression or Modification of Specific Cellular Proteins, Including Increase in an α-Enolase Isoform, 264

Protein kinase

Cyclic AMP Suppresses Fibronectin Expression in the Rabbit Aorta In Vitro, 1668

Protein Kinase C Inhibitors Prevent Impairment of Endothelium-Dependent Relaxation by Oxidatively Modified LDL, 1525

Protein-A gold

Organization of von Willebrand Factor on Surface-Activated Platelets, 1852

Proteoglycans

Effect of Vitamin E on Vascular Integrity in Cholesterol-Fed Guinea Pigs, 1885

Macrophage-Conditioned Medium and β-VLDLs Enhance Cholesterol Esterification in SMCs and HSFs by LDL Receptor-Mediated and Other Pathways, 1350

Platelet-Derived Growth Factor and Transforming Growth Factor-β₁ Differentially Affect the Synthesis of Biglycan and Decorin by Monkey Arterial Smooth Muscle Cells, 1026

Prothrombin

Regulation of Factor VIIa/Tissue Factor Functional Activity in an Umbilical Vein Model, 105

Prothrombinase complex

Intact Platelet Membranes, Not Platelet-Released Microvesicles, Support the Procoagulant Activity of Adherent Platelets, 1613

The Assembly of the Prothrombinase Complex on Adherent Platelets, 1602

Psychosocial stress

Plaque Changes and Arterial Enlargement in Atherosclerotic Monkeys After Manipulation of Diet and Social Environment, 254

Puberty

Associations of Age, Adiposity, Alcohol Intake, Menstrual Status, and Estrogen Therapy With High-Density Lipoprotein Subclasses, 1654

Pulsatile changes of arterial diameter

Arterial Alterations With Aging and High Blood Pressure: A Noninvasive Study of Carotid and Femoral Arteries, 90

Pulsatile changes of blood pressure

Arterial Alterations With Aging and High Blood Pressure: A Noninvasive Study of Carotid and Femoral Arteries, 90

Purinergic receptor system

Effects of Purinergic Agents on Human Mononuclear Phagocytes Are Differentiation Dependent: Implications for Atherogenesis, 1317

Q

Quantitative angiography

Relation of Vessel Wall Shear Stress to Atherosclerosis Progression in Human Coronary Arteries, 310

Quantitative trait locus mapping

Influence of the ApoA-II Gene Locus on HDL Levels and Fatty Streak Development in Mice, 1

R

Rabbits

An Atherogenic Diet Rapidly Induces VCAM-1, a Cytokine-Regulatable Mononuclear Leukocyte Adhesion Molecule, in Rabbit Aortic Endothelium, 197

Dexamethasone-Induced Suppression of Aortic Atherosclerosis in Cholesterol-Fed Rabbits: Possible Mechanisms, 892

HMG CoA Reductase Inhibitors: In Vivo Effects on Carotid Intimal Thickening in Normocholesterolemic Rabbits, 571

Inhibitory Effect of Clopidogrel on Platelet Adhesion and Intimal Proliferation After Arterial Injury in Rabbits, 1171

Localization and Smooth Muscle Cell Composition of Atherosclerotic Lesions in Watanabe Heritable Hyperlipidemic Rabbits, 347 Physical Conditioning Can Modulate Endothelium-Dependent Vasorelaxation in Rabbits, 852

Protection From Atherosclerosis in Vein Grafts by a Rigid External Support, 379

Studies of Factor Xa/Phospholipid-Induced Intravascular Coagulation in Rabbits: Effects of Immunodepletion of Tissue Factor Pathway Inhibitor, 1551

Race

Lipoprotein[a] as a Risk Factor for Preclinical Atherosclerosis, 826

Plasma Lipid, Lipoprotein Cholesterol, and Apoprotein Distributions in Selected US Communities: The Atherosclerosis Risk in Communities (ARIC) Study, 1139

Radiolabeling

Potential of 99mTc-LDLs Labeled by Two Different Methods for Scintigraphic Detection of Experimental Atherosclerosis in Rabbits, 78

Raised lesion distribution

Distribution of Lipid and Raised Lesions in Aortas of Young People of Different Geographic Origins (WHO-ISFC PBDAY Study), 1700

Rat hepatoma cells

ApoA-IV Is Secreted on Discrete HDL Particles by the Rat Hepatoma Cell Line McA-RH7777 Transfected With ApoA-IV cDNA, 1476

Rats

Additive and Synergistic Effects of a Low-Molecular-Weight, Heparin-like Molecule and Low Doses of Cyclosporin in Preventing Arterial Graft Rejection in Rats, 112

Depletion of Lipoprotein Lipase After Heparin Administration, 1391

Receptor/ligand complex translocation

Functional Significance of Mobile Receptors on Human Platelets, 1236

Receptors

Fibrinogenolytic and Fibrinolytic Activity of Cell-Associated Plasmin, 48

Organization of von Willebrand Factor on Surface-Activated Platelets, 1852

Recombinant DNA

ApoA-IV Is Secreted on Discrete HDL Particles by the Rat Hepatoma Cell Line McA-RH7777 Transfected With ApoA-IV cDNA, 1476

Recombinant inbred strains

Influence of the ApoA-II Gene Locus on HDL Levels and Fatty Streak Development in Mice, 1

Recombinant tissue-type plasminogen activator

A Chimeric Murine/Human Antibody Fab Fragment Directed Against the Platelet GPIIb/IIIa Receptor Enhances and Sustains Arterial Thrombolysis With Recombinant Tissue-Type Plasminogen Activator in Baboons, 1837

Cilostazol, a Novel Cyclic AMP Phosphodiesterase Inhibitor, Prevents Reocclusion After Coronary Arterial Thrombolysis With Recombinant Tissue-Type Plasminogen Activator, 563

Regional platelet deposition

Effects of Local Geometry and Fluid Dynamics on Regional Platelet Deposition on Artificial Surfaces, 1806

Restenosis

A New Anti-inflammatory Leucine Derivative, NPC-15669, Inhibits Growth of Cultured Human Aortic Smooth Muscle Cells, 360

Inhibition of Smooth Muscle Cell Proliferation and Experimental Angioplasty Restenosis by β -Cyclodextrin Tetradecasulfate, 924

Retarded clearance

Biphasic Effects of Low-Molecular-Weight and Conventional Heparins on Chylomicron Clearance in Rats, 1397

Retinoid

Retinoids Stimulate ApoA-I Synthesis by Induction of Gene Transcription in Primary Hepatocyte Cultures From Cynomolgus Monkey (*Macaca fascicularis*), 1505

Retinol esters

Biphasic Effects of Low-Molecular-Weight and Conventional Heparins on Chylomicron Clearance in Rats, 1397 Reverse cholesterol transport

Cell-Derived Unesterified Cholesterol Cycles Between Different HDLs and LDL for Its Effective Esterification in Plasma, 445

Increased Production Rates of LDL Are Common in Individuals
With Low Plasma Levels of HDL Cholesterol, Independent of
Plasma Triglyceride Concentrations, 842

LDL Inhibits the Mediation of Cholesterol Efflux From Macrophage Foam Cells by ApoA-I-Containing Lipoproteins: A Putative Mechanism for Foam Cell Formation, 1307

Review

Substrate Delivery as a Determinant of Hepatic ApoB Secretion, 629

Risk factors

Childhood Consumption of Dietary Polyunsaturated Fat Lowers Risk for Coronary Artery Atherosclerosis in African Green Monkeys, 863

Coronary Arteriosclerosis in Dogfish (Scyliorhinus canicula): An Assessment of Some Potential Risk Factors, 876

Involvement of the Hemostatic System in the Insulin Resistance Syndrome: A Study of 1500 Patients With Angina Pectoris, 1865

Parental History of Early Myocardial Infarction Is Associated With Decreased Levels of Lipoparticle AI in Adolescents, 1640

Prevalence and Risk Factors of Asymptomatic Extracranial Carotid Artery Atherosclerosis: A Population-Based Study, 661

RRR-a-tocopherol

Comparison of Supplementation of $RRR-\alpha$ -Tocopherol and Racemic α -Tocopherol in Humans: Effects on Lipid Levels and Lipoprotein Susceptibility to Oxidation, 601

S

Saturated fats

Effects of Canola, Corn, and Olive Oils on Fasting and Postprandial Plasma Lipoproteins in Humans as Part of a National Cholesterol Education Program Step 2 Diet, 1533

Hydrogenation Impairs the Hypolipidemic Effect of Corn Oil in Humans: Hydrogenation, trans Fatty Acids, and Plasma Lipids, 154

The Effects of Olive Oil, Hydrogenated Palm Oil, and ω-3 Fatty Acid-Enriched Diets on Megakaryocytes and Platelets, 84

Scavenger receptors

Induction of Murine Macrophage Growth by Modified LDLs,

Oxidized Low Density Lipoproteins Bind to the Scavenger Receptor Expressed by Rabbit Smooth Muscle Cells and Macrophages, 371

Prostacyclin Agonists Reduce Early Atherosclerosis in Hyperlipidemic Hamsters: Octimibate and BMY 42393 Suppress Monocyte Chemotaxis, Macrophage Cholesteryl Ester Accumulation, Scavenger Receptor Activity, and Tumor Necrosis Factor Production, 435

Scintigraphy

Potential of 99mTc-LDLs Labeled by Two Different Methods for Scintigraphic Detection of Experimental Atherosclerosis in Rabbits, 78

Serotonin

Potentiation of the Vasospastic Response to Angioplasty by Pretreatment With Fluoxetine: A Study in the Atherosclerotic Rabbit, 907

Serum lipid:

Coronary Arteriosclerosis in Dogfish (Scyliorhinus canicula): An Assessment of Some Potential Risk Factors, 876

Serum proteins

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Sex

Plasma Lipid, Lipoprotein Cholesterol, and Apoprotein Distributions in Selected US Communities: The Atherosclerosis Risk in Communities (ARIC) Study, 1139

Sex factors

Relation of Plasma Triglyceride and ApoB Levels to Insulin-Mediated Suppression of Nonesterified Fatty Acids: Possible Explanation for Sex Differences in Lipoprotein Pattern, 1187

Sex hormones

Relation of Hemostatic Risk Factors to Other Risk Factors for Coronary Heart Disease and to Sex Hormones in Men, 467

Sharks

Coronary Arteriosclerosis in Dogfish (Scyliorhinus canicula): An Assessment of Some Potential Risk Factors, 876

Shear rate

Effects of Thrombocytopenia and Shear Rate on Neutrophil and Platelet Deposition on Endothelial and Medial Arterial Surfaces, 951

Shear stress

Evidence That Turbulence Is Not the Cause of Poststenotic Dilatation in Rabbit Carotid Arteries, 977

Shear-Induced Platelet Aggregation Is Potentiated by Desmopressin and Inhibited by Ticlopidine, 393

Sickle cell disease

Increased In Vivo Production of Thromboxane in Patients With Sickle Cell Disease Is Accompanied by an Impairment of Platelet Functions to the Thromboxane A₂ Agonist U46619, 421

Signal transduction

Effects of Purinergic Agents on Human Mononuclear Phagocytes Are Differentiation Dependent: Implications for Atherogenesis, 1317

Silent ischemia

ApoE4 Polymorphism Increases the Risk for Exercise-Induced Silent Myocardial Ischemia in Older Men, 1495

Smooth muscle

Role of Endogenous Platelet-Derived Growth Factor in Arterial Smooth Muscle Cell Migration After Balloon Catheter Injury,

Smooth muscle cell proliferation

HMG CoA Reductase Inhibitors: In Vivo Effects on Carotid Intimal Thickening in Normocholesterolemic Rabbits, 571

Smooth Muscle Cell Immediate-Early Gene and Growth Factor Activation Follows Vascular Injury: A Putative In Vivo Mechanism for Autocrine Growth, 211

Smooth muscle cells

Aortic Smooth Muscle Cells in a Three-Dimensional Collagen Lattice Culture: Evidence for Posttranslational Regulation of Collagen Synthesis, 1572

Basic Fibroblast Growth Factor in the Extracellular Matrix Suppresses Collagen Synthesis and Type III Procollagen mRNA Levels in Arterial Smooth Muscle Cell Cultures, 680

Cell Proliferation in Human Arteriovenous Fistulas Used for Hemodialysis, 609

Concerted Effects of Lipoproteins and Angiotensin II on Signal Transduction Processes in Vascular Smooth Muscle Cells, 1261

Cytokeratins 8 and 18 in Smooth Muscle Cells: Detection in Human Coronary Artery, Peripheral Vascular, and Vein Graft Disease and in Transplantation-Associated Arteriosclerosis, 1631

Expression of Follistatin, an Activin-Binding Protein, in Vascular Smooth Muscle Cells and Arteriosclerotic Lesions, 1859

Inhibition of Smooth Muscle Cell Proliferation and Experimental Angioplasty Restenosis by β-Cyclodextrin Tetradecasulfate, 924

Inhibitory Effect of Clopidogrel on Platelet Adhesion and Intimal Proliferation After Arterial Injury in Rabbits, 1171

Interactions Between the Monocyte/Macrophage and the Vascular Smooth Muscle Cell: Stimulation of Mitogenesis by a Soluble Factor and of Prostanoid Synthesis by Cell-Cell Contact, 220

Intimal Thickening and Medial Necrosis in Allograft Arteriosclerosis (Chronic Rejection) Are Independently Regulated,

Localization and Production of Plasminogen Activator Inhibitor -1 in Human Healthy and Atherosclerotic Arteries, 1090 Localization and Smooth Muscle Cell Composition of Atherosclerotic Lesions in Watanabe Heritable Hyperlipidemic Rabbits, 347

Osteopontin Overexpression Is Associated With Arterial Smooth Muscle Cell Proliferation In Vitro, 120

Oxidized Low Density Lipoproteins Bind to the Scavenger Receptor Expressed by Rabbit Smooth Muscle Cells and Macrophages, 371

Platelet-Derived Growth Factor and Transforming Growth Factor-β, Differentially Affect the Synthesis of Biglycan and Decorin by Monkey Arterial Smooth Muscle Cells, 1026

Responsiveness of Aortic Smooth Muscle Cells to Soluble Growth Mediators Is Influenced by Cell-Matrix Contact, 994 Tumor Necrosis Factor-α Stimulates ICAM-1 Expression in Human Vascular Smooth Muscle Cells, 407

Smooth muscle myosin

Age Influences the Replicative Activity and the Differentiation Features of Cultured Rat Aortic Smooth Muscle Cell Populations and Clones, 1449

Soluble guanylyl cyclase

Hypercholesterolemia Is Associated With a Reduced Response of Smooth Muscle Guanylyl Cyclase to Nitrovasodilators, 1159

Spontaneous atherosclerosis

Influx, Efflux, and Accumulation of LDL in Normal Arterial Areas and Atherosclerotic Lesions of White Carneau Pigeons With Naturally Occurring and Cholesterol-Aggravated Aortic Atherosclerosis, 1368

Stable isotopes

Familial HDL Deficiency Due to Marked Hypercatabolism of Normal ApoA-I, 1299

Stable Isotopes Show a Direct Relation Between VLDL ApoB Overproduction and Serum Triglyceride Levels and Indicate a Metabolically and Biochemically Coherent Basis for Familial Combined Hyperlipidemia, 1110

Staurosporine

Protein Kinase C Inhibitors Prevent Impairment of Endothelium-Dependent Relaxation by Oxidatively Modified LDL, 1525

Stenosis

Effects of Local Geometry and Fluid Dynamics on Regional Platelet Deposition on Artificial Surfaces, 1806

Sterol flux

Regulation of LDL Receptor Expression by Luminal Sterol Flux in CaCo-2 Cells, 729

Streptozotocin diabetic rats

Effect of Probucol on Plasma Clearance and Organ Uptake of Chylomicrons and VLDLs in Normal and Diabetic Rats, 231

Stress proteins

Staining of Endothelial Cells and Macrophages in Atherosclerotic Lesions With Human Heat-Shock Protein-Reactive Antisera, 1763

Sudanophilic lesion distribution

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Sulfhydryl groups

Antiplatelet Properties of Protein S-Nitrosothiols Derived From Nitric Oxide and Endothelium-Derived Relaxing Factor, 791

Superoxide anion

Functionally Abnormal Monocytes in Hypercholesterolemia, 944

Surface-activated platelets

Organization of von Willebrand Factor on Surface-Activated Platelets, 1852

Surface activation

Functional Significance of Mobile Receptors on Human Platelets, 1236

Surrogate variable

Atherosclerotic Changes in the Femoral and Carotid Arteries in Familial Hypercholesterolemia: Ultrasonographic Assessment of Intima-Media Thickness and Plaque Occurrence,

Suspension activation

Functional Significance of Mobile Receptors on Human Platelets, 1236

Swine

Local Intimal-Medial Uptakes of ¹²⁵I-Albumin, ¹²⁵I-LDL, and Parenteral Evans Blue Dye Protein Complex Along the Aortas of Normocholesterolemic Minipigs as Predictors of Subsequent Hypercholesterolemic Atherogenesis, 1193

Synthesis

Human Cholesterol Synthesis Measurement Using Deuterated Water: Theoretical and Procedural Considerations, 247

Systemic lupus erythematosus

Immune-Complex-Mediated Vasculitis Increases Coronary Artery Lipid Accumulation in Autoimmune-Prone MRL Mice, 932

Systolic hypertension

Lower-Extremity Arterial Disease in Older Hypertensive Adults, 555

T

Tangier disease

Familial HDL Deficiency Due to Marked Hypercatabolism of Normal ApoA-I, 1299

Technetium-99m

Potential of ^{99m}Tc-LDLs Labeled by Two Different Methods for Scintigraphic Detection of Experimental Atherosclerosis in Rabbits, 78

Template bleeding time

Intravenous and Endobronchial Administration of G4120, a Cyclic Arg-Gly-Asp-Containing Platelet GPIIb/IIIa Receptor-Blocking Pentapeptide, Enhances and Sustains Coronary Arterial Thrombolysis With rt-PA in a Canine Preparation, 738

Testosterone

Endogenous Sex Hormones and Ischemic Heart Disease in Men: The Caerphilly Prospective Study, 517

Relation of Hemostatic Risk Factors to Other Risk Factors for Coronary Heart Disease and to Sex Hormones in Men, 467

Thiols

Antiplatelet Properties of Protein S-Nitrosothiols Derived From Nitric Oxide and Endothelium-Derived Relaxing Factor, 791

Thionitrites

Antiplatelet Properties of Protein S-Nitrosothiols Derived From Nitric Oxide and Endothelium-Derived Relaxing Factor, 791

Thrombin

Dermatan Sulfate Inhibition of Fibrin-Rich Thrombus Formation in Nonhuman Primates, 1213

Thrombin-antithrombin III complex

Severity of Peripheral Atherosclerosis Is Associated With Fibrinogen and Degradation of Cross-linked Fibrin, 1738

hrombocytonenia

Role of Endogenous Platelet-Derived Growth Factor in Arterial Smooth Muscle Cell Migration After Balloon Catheter Injury, 1218

Thrombolysis

A Chimeric Murine/Human Antibody Fab Fragment Directed Against the Platelet GPIIb/IIIa Receptor Enhances and Sustains Arterial Thrombolysis With Recombinant Tissue-Type Plasminogen Activator in Baboons, 1837

Thrombolytic therapy

Intravenous and Endobronchial Administration of G4120, a Cyclic Arg-Gly-Asp-Containing Platelet GPIIb/IIIa Receptor-Blocking Pentapeptide, Enhances and Sustains Coronary Arterial Thrombolysis With rt-PA in a Canine Preparation, 738

Thromboplastin

Effects of Prostacyclin Analogues on Human Endothelial Cell Tissue Factor Expression, 1082

Thrombopoiesis

The Effects of Olive Oil, Hydrogenated Palm Oil, and ω-3 Fatty Acid-Enriched Diets on Megakaryocytes and Platelets, 84

Thrombosis

A Cross-sectional Study of Endogenous Tissue Plasminogen Activator, Total Cholesterol, HDL Cholesterol, and Apolipoproteins A-I, A-II, and B-100, 1587

Glutamine/Histidine Polymorphism in Apo A-IV Affects Plasma Concentrations of Lipoprotein(a) and Fibrin Split Products in Coronary Heart Disease Patients, 240

Homocysteine, a Risk Factor for Premature Vascular Disease and Thrombosis, Induces Tissue Factor Activity in Endothelial Cells, 1327

Occlusive Arterial Thrombosis in Cynomolgus Monkeys With Varying Plasma Concentrations of Lipoprotein(a), 548

Thromboxanes

Excretion of Thromboxane Metabolites in Healthy Women After Cessation of Smoking, 777

Increased In Vivo Production of Thromboxane in Patients With Sickle Cell Disease Is Accompanied by an Impairment of Platelet Functions to the Thromboxane A₂ Agonist U46619, 421

Inhibition of Thromboxane Biosynthesis and Platelet Function by Indobufen in Type II Diabetes Mellitus, 1346

Thrombus formation

Human Type II Hyperlipoproteinemia Enhances Platelet-Collagen Adhesion in Flowing Nonanticoagulated Blood, 1650

Ticlopidine

Shear-Induced Platelet Aggregation Is Potentiated by Desmopressin and Inhibited by Ticlopidine, 393

Tissue culture

Comparison of Gene Expression in Bovine Aortic Endothelium In Vivo Versus In Vitro: Differences in Growth Regulatory Molecules, 985

Tissue facto

Homocysteine, a Risk Factor for Premature Vascular Disease and Thrombosis, Induces Tissue Factor Activity in Endothelial Cells, 1327

Regulation of Endothelial Cell Tissue Factor Expression by Minimally Oxidized LDL and Lipopolysaccharide, 1711

Regulation of Factor VIIa/Tissue Factor Functional Activity in an Umbilical Vein Model, 105

Tissue factor pathway inhibitor

Regulation of Factor VIIa/Tissue Factor Functional Activity in an Umbilical Vein Model, 105

Studies of Factor Xa/Phospholipid-Induced Intravascular Coagulation in Rabbits: Effects of Immunodepletion of Tissue Factor Pathway Inhibitor, 1551

Tissue-type plasminogen activator

A Cross-sectional Study of Endogenous Tissue Plasminogen Activator, Total Cholesterol, HDL Cholesterol, and Apolipoproteins A-I, A-II, and B-100, 1587

Favorable Long-term Effect of a Low-Fat/High-Fiber Diet on Human Blood Coagulation and Fibrinolysis, 505

Impact of Weight Loss on Plasminogen Activator Inhibitor (PAI-1), Factor VII, and Other Hemostatic Factors in Moderately Overweight Adults, 162

DL-α-Tocopherol

Comparison of Supplementation of RRR-α-Tocopherol and Racemic α-Tocopherol in Humans: Effects on Lipid Levels and Lipoprotein Susceptibility to Oxidation, 601

Tonometry

Arterial Alterations With Aging and High Blood Pressure: A Noninvasive Study of Carotid and Femoral Arteries, 90

Total cholestere

Plasma Lipoprotein and Apolipoprotein Levels in Taipei and Framingham, 1429

Tranexamic acid

Role of Endogenous Platelet-Derived Growth Factor in Arterial Smooth Muscle Cell Migration After Balloon Catheter Injury, 1218

Transcription

Regulation of Endothelial Cell Tissue Factor Expression by Minimally Oxidized LDL and Lipopolysaccharide, 1711 Transcriptional regulation

Retinoids Stimulate ApoA-I Synthesis by Induction of Gene Transcription in Primary Hepatocyte Cultures From Cynomolgus Monkey (*Macaca fascicularis*), 1505

Transfection

ApoA-IV Is Secreted on Discrete HDL Particles by the Rat Hepatoma Cell Line McA-RH7777 Transfected With ApoA-IV cDNA, 1476

Triacylglycerol

Effect of 3-Thiadicarboxylic Acid on Lipid Metabolism in Experimental Nephrosis, 1580

Triacylglycerol biosynthesis

Influence of Triacylglycerol Biosynthesis Rate on the Assembly of ApoB-100-Containing Lipoproteins in Hep G2 Cells, 1743

Triglyceride-rich lipoproteins

Effects of Lovastatin on the Levels, Structure, and Atherogenicity of VLDL in Patients With Moderate Hypertriglyceridemia, 472

Gemfibrozil Reduces Postprandial Lipemia in Non-Insulin-Dependent Diabetes Mellitus, 286

Triglycerides

Biphasic Effects of Low-Molecular-Weight and Conventional Heparins on Chylomicron Clearance in Rats. 1397

Effects of Canola, Corn, and Olive Oils on Fasting and Postprandial Plasma Lipoproteins in Humans as Part of a National Cholesterol Education Program Step 2 Diet, 1533

Hydrogenation Impairs the Hypolipidemic Effect of Corn Oil in Humans: Hydrogenation, trans Fatty Acids, and Plasma Lipids, 154

Impaired Chylomicron Remnant Clearance in Familial Combined Hyperlipidemia, 804

LDL Size and Subclass Pattern in a Biethnic Population, 1623 Lipoprotein Compositional Abnormalities and Insulin Resistance in Type II Diabetic Patients With Mild Hyperlipidemia,

Metabolic Heterogeneity Associated With High Plasma Triglyceride or Low HDL Cholesterol Levels in Men, 33

Plasma Lipoprotein and Apolipoprotein Levels in Taipei and Framingham, 1429

Plasma Triglyceride and LDL Heterogeneity in Familial Combined Hyperlipidemia, 427

Relation of Plasma Triglyceride and ApoB Levels to Insulin-Mediated Suppression of Nonesterified Fatty Acids: Possible Explanation for Sex Differences in Lipoprotein Pattern, 1187 Serum Lipoproteins and Hemostatic Function in Intermittent

Claudication, 1441

Underexpression of the Apolipoprotein E4 Isoform in an Italian Population, 1456

Visceral Fat Loss Measured by Magnetic Resonance Imaging in Relation to Changes in Serum Lipid Levels of Obese Men and Women, 487

Tumor necrosis factor

Effects of Prostacyclin Analogues on Human Endothelial Cell Tissue Factor Expression, 1082

Prostacyclin Agonists Reduce Early Atherosclerosis in Hyperlipidemic Hamsters: Octimibate and BMY 42393 Suppress Monocyte Chemotaxis, Macrophage Cholesteryl Ester Accumulation, Scavenger Receptor Activity, and Tumor Necrosis Factor Production, 435

Tumor Necrosis Factor-α Stimulates ICAM-1 Expression in Human Vascular Smooth Muscle Cells, 407

Tunica thickness

Ultrasonic-Pathological Comparison of the Human Arterial Wall: Verification of Intima-Media Thickness, 482

Turbulence

Evidence That Turbulence Is Not the Cause of Poststenotic Dilatation in Rabbit Carotid Arteries, 977

Twins

Genetics of LDL Subclass Phenotypes in Women Twins: Concordance, Heritability, and Commingling Analysis, 687

Two-dimensional gel electrophoresis

Cholesteryl Ester Loading of Mouse Peritoneal Macrophages Is Associated With Changes in the Expression or Modification of Specific Cellular Proteins, Including Increase in an α -Enolase Isoform, 264

Type II diabetes

Augmentation of Synthesis of Plasminogen Activator Inhibitor Type-1 in Arterial Endothelial Cells by Glucose and Its Implications for Local Fibrinolysis, 1822

Type IIB hyperlipidemia

Obese Men With Type IIB Hyperlipidemia Are Insulin Resistant, 1469

Type VI collagen

Localization of von Willebrand Factor Binding Domains to Endothelial Extracellular Matrix and to Type VI Collagen, 398

U

U46619

Increased In Vivo Production of Thromboxane in Patients With Sickle Cell Disease Is Accompanied by an Impairment of Platelet Functions to the Thromboxane A₂ Agonist U46619, 421

Ubiquinol

Circulating Lipid Hydroperoxide Levels in Human Hyperhomocysteinemia: Relevance to Development of Arteriosclerosis, 512

Ultracentrifugation

Effect of Pravastatin and ω-3 Fatty Acids on Plasma Lipids and Lipoproteins in Patients With Combined Hyperlipidemia, 1755

Ultrasonic tissue characterization

Quantitative Ultrasonic Characterization of Lesion Composition and Remodeling in Atherosclerotic Rabbit Aorta, 1543

Ultrasonography

Ultrasonic-Pathological Comparison of the Human Arterial Wall: Verification of Intima-Media Thickness, 482

Ultrasoune

Prevalence and Risk Factors of Asymptomatic Extracranial Carotid Artery Atherosclerosis: A Population-Based Study, 661

Umbilical vein model

Regulation of Factor VIIa/Tissue Factor Functional Activity in an Umbilical Vein Model, 105

Urine

Excretion of Thromboxane Metabolites in Healthy Women After Cessation of Smoking, 777

V

Variable gene expression

Variable Expression of the Mutation in Familial Defective Apolipoprotein B-100, 973

Vasa vasorum

Arterial Intimal Hyperplasia After Occlusion of the Adventitial Vasa Vasorum in the Pig, 70

Vascular endothelium

Identification of Novel Heparin-Releasable Proteins, as Well as the Cytokines Midkine, and Pleiotrophin, in Human Postheparin Plasma, 1798

Vascular injury

Role of Endogenous Platelet-Derived Growth Factor in Arterial Smooth Muscle Cell Migration After Balloon Catheter Injury, 1218

Smooth Muscle Cell Immediate-Early Gene and Growth Factor Activation Follows Vascular Injury: A Putative In Vivo Mechanism for Autocrine Growth, 211

Vascular permeability

Effect of Vitamin E on Vascular Integrity in Cholesterol-Fed Guinea Pigs, 1885

Vascular rheology

ACE Inhibition With Perindopril and Atherogenesis-Induced Structural and Functional Changes in Minipig Arteries, 1125

Vascular smooth muscle

A New Anti-inflammatory Leucine Derivative, NPC-15669, Inhibits Growth of Cultured Human Aortic Smooth Muscle Cells, 360 Hypercholesterolemia Is Associated With a Reduced Response of Smooth Muscle Guanylyl Cyclase to Nitrovasodilators, 1159

Vascular smooth muscle cells

Isolation of Heparin-Insensitive Aortic Smooth Muscle Cells: Growth and Differentiation, 748

Vasculitis

Immune-Complex-Mediated Vasculitis Increases Coronary Artery Lipid Accumulation in Autoimmune-Prone MRL Mice, 932

Vasospasm

Potentiation of the Vasospastic Response to Angioplasty by Pretreatment With Fluoxetine: A Study in the Atherosclerotic Rabbit, 907

VCAM-1

An Atherogenic Diet Rapidly Induces VCAM-1, a Cytokine-Regulatable Mononuclear Leukocyte Adhesion Molecule, in Rabbit Aortic Endothelium, 197

Vein grafts

Protection From Atherosclerosis in Vein Grafts by a Rigid External Support, 379

Venous thrombosis

Dermatan Sulfate Inhibition of Fibrin-Rich Thrombus Formation in Nonhuman Primates, 1213

Vessel wall

Effects of Thrombocytopenia and Shear Rate on Neutrophil and Platelet Deposition on Endothelial and Medial Arterial Surfaces. 951

Vessel wall shear stress

Relation of Vessel Wall Shear Stress to Atherosclerosis Progression in Human Coronary Arteries, 310

Vitamin A

Retinoids Stimulate ApoA-I Synthesis by Induction of Gene Transcription in Primary Hepatocyte Cultures From Cynomolgus Monkey (*Macaca fascicularis*), 1505

Vitamin C

Effect of Dietary Antioxidant Combinations in Humans: Protection of LDL by Vitamin E but Not by β -Carotene, 590

Vitamin E, LDL, and Endothelium: Brief Oral Vitamin Supplementation Prevents Oxidized LDL-Mediated Vascular Injury In Vitro, 1779

Vitamin E

Comparison of Supplementation of RRR-α-Tocopherol and Racemic α-Tocopherol in Humans: Effects on Lipid Levels and Lipoprotein Susceptibility to Oxidation, 601

Effect of Dietary Antioxidant Combinations in Humans: Protection of LDL by Vitamin E but Not by β -Carotene, 590 Effect of Vitamin E on Vascular Integrity in Cholesterol-Fed

Guinea Pigs, 1885

Identification of Multiple Dense LDL Subfractions With Enhanced Susceptibility to In Vitro Oxidation Among Hypertriglyceridemic Subjects: Normalization After Clofibrate Treatment, 712

Vitamin E, LDL, and Endothelium: Brief Oral Vitamin Supplementation Prevents Oxidized LDL-Mediated Vascular Injury In Vitro, 1779

Vitronectin

Localization and Production of Plasminogen Activator Inhibitor-1 in Human Healthy and Atherosclerotic Arteries, 1090 β-VLDL

β-VLDL in Hepatic Lipase Deficiency Induces ApoE-Mediated Cholesterol Ester Accumulation in Macrophages, 1282

Effect of Pravastatin and ω-3 Fatty Acids on Plasma Lipids and Lipoproteins in Patients With Combined Hyperlipidemia, 1755

VLDL

Effects of Lovastatin on the Levels, Structure, and Atherogenicity of VLDL in Patients With Moderate Hypertriglyceridemia, 472 Impaired Chylomicron Remnant Clearance in Familial Combined Hyperlipidemia, 804

Lipid Transfer Protein-Mediated Distribution of HDL-Derived Cholesteryl Esters Among Plasma Apo B-Containing Lipoprotein Subpopulations, 834

Lipoproteins in Familial Dysbetalipoproteinemia: Variation of Serum Cholesterol Level Associated With VLDL Concentra-

tion, 316

Stable Isotopes Show a Direct Relation Between VLDL ApoB Overproduction and Serum Triglyceride Levels and Indicate a Metabolically and Biochemically Coherent Basis for Familial Combined Hyperlipidemia, 1110

Substrate Delivery as a Determinant of Hepatic ApoB Secretion, 629

VLDL turnover

Effects of Simvastatin on ApoB Metabolism and LDL Subfraction Distribution, 170

von Willebrand factor

Associations of Fish Intake and Dietary n-3 Polyunsaturated Fatty Acids With a Hypocoagulable Profile: The Atherosclerosis Risk in Communities (ARIC) Study, 1205

Involvement of the Hemostatic System in the Insulin Resistance Syndrome: A Study of 1500 Patients With Angina Pectoris, 1865

Localization of von Willebrand Factor Binding Domains to Endothelial Extracellular Matrix and to Type VI Collagen, 398

Occlusive Arterial Thrombosis in Cynomolgus Monkeys With Varying Plasma Concentrations of Lipoprotein(a), 548

Organization of von Willebrand Factor on Surface-Activated Platelets, 1852

Shear-Induced Platelet Aggregation Is Potentiated by Desmopressin and Inhibited by Ticlopidine, 393

The Endothelium During Cuff-Induced Neointima Formation in the Rabbit Carotid Artery, 1874

W

Weight loss

Differential Effects of Body Fatness and Body Fat Distribution on Risk Factors for Cardiovascular Disease in Women: Impact of Weight Loss, 1487

Weight reduction

Visceral Fat Loss Measured by Magnetic Resonance Imaging in Relation to Changes in Serum Lipid Levels of Obese Men and Women, 487

WHHL rabbits

Hypolipidemic Activity of HOE-402 Is Mediated by Stimulation of the LDL Receptor Pathway, 1005

Vomen

Differential Effects of Body Fatness and Body Fat Distribution on Risk Factors for Cardiovascular Disease in Women: Impact of Weight Loss, 1487

Workshop Summary

Report on the Workshop on Diabetes and Mechanisms of Atherogenesis: September 17th and 18th, 1992, Bethesda, Maryland, 459

Wound

In Vitro Large-Wound Re-endothelialization: Inhibition of Centrosome Redistribution by Transient Inhibition of Transcription After Wounding Prevents Rapid Repair, 1270

Y

Yellow KK mouse

Lipoprotein Profile Characterization of the KKA^y Mouse, a Rodent Model of Type II Diabetes, Before and After Treatment With the Insulin-Sensitizing Agent Pioglitazone, 302

Youths

Natural History of Aortic and Coronary Atherosclerotic Lesions in Youth: Findings From the PDAY Study, 1291

